FORMAS DE ONDA NEW ORION CEB 1200-1400-1600VA 24VDC

ENTRADA: 220/115Vac SAÍDA: 115Vac

CURSO TREINAMENTO:

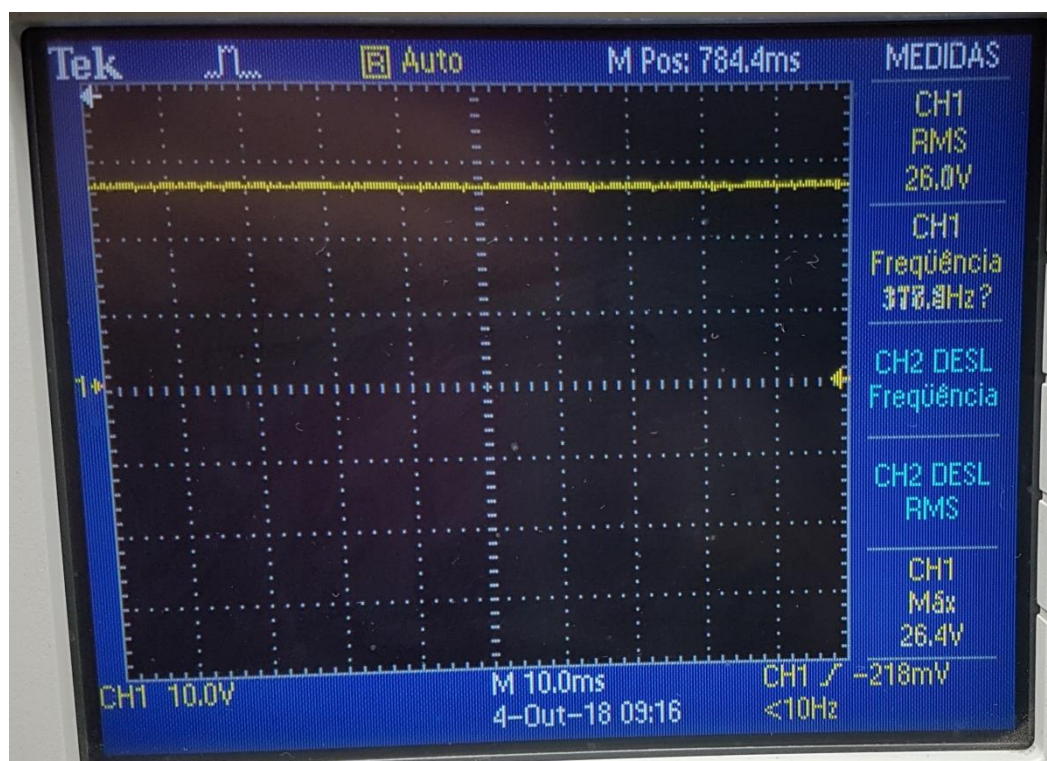
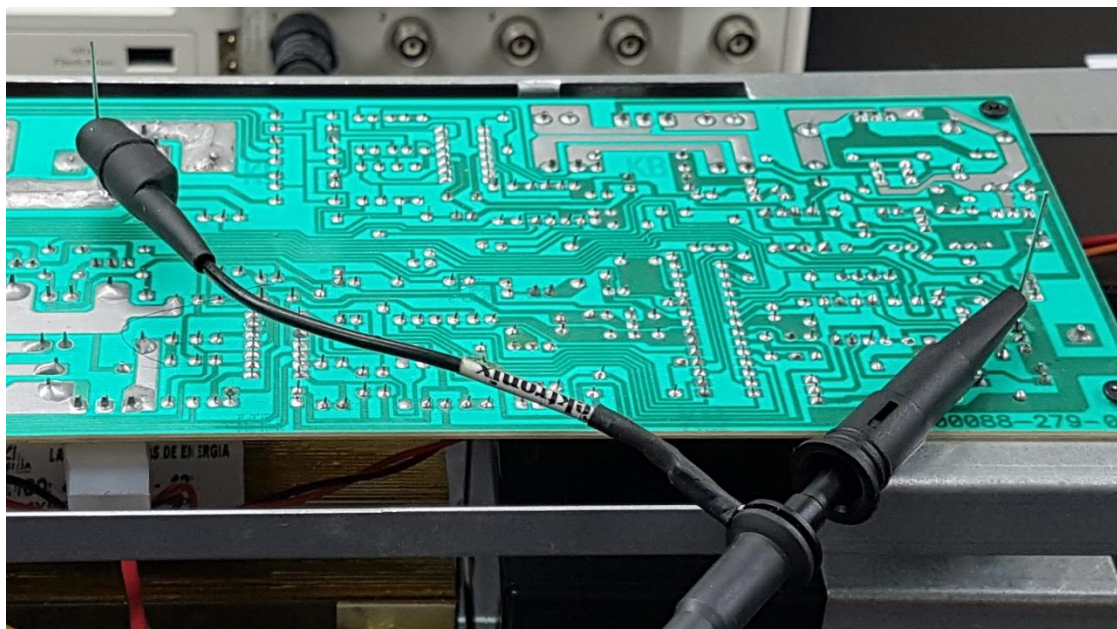
LINHA NOBREAK NEW ORION

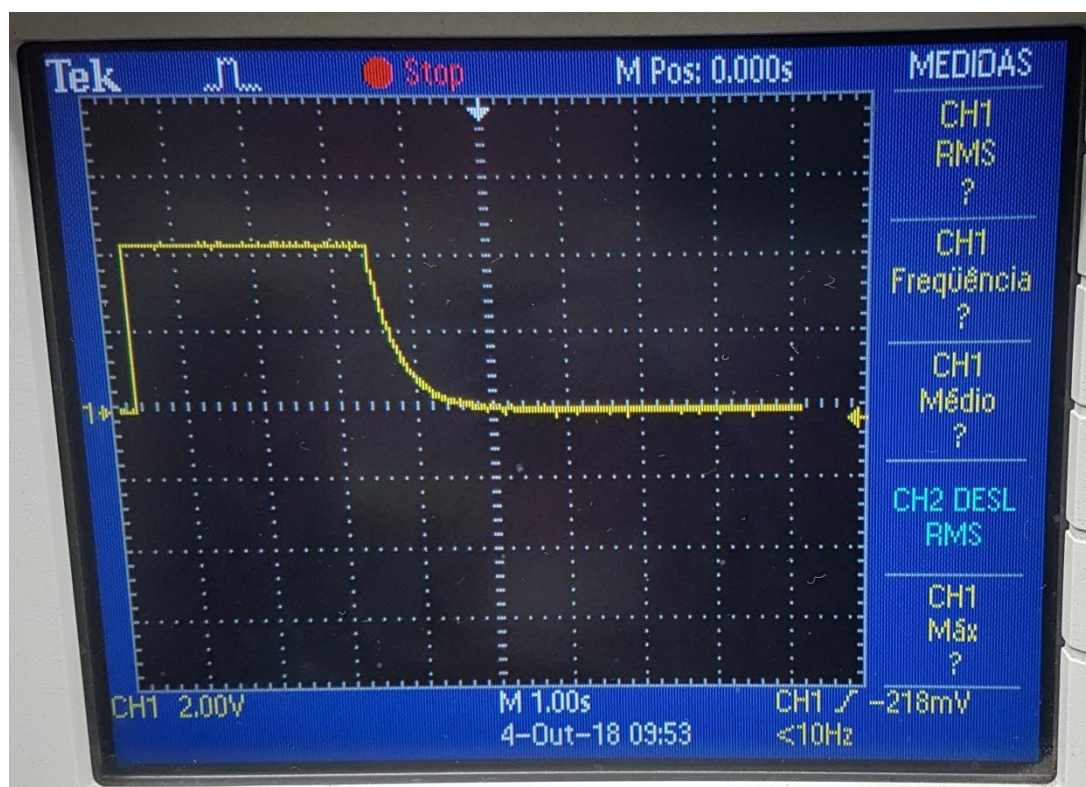
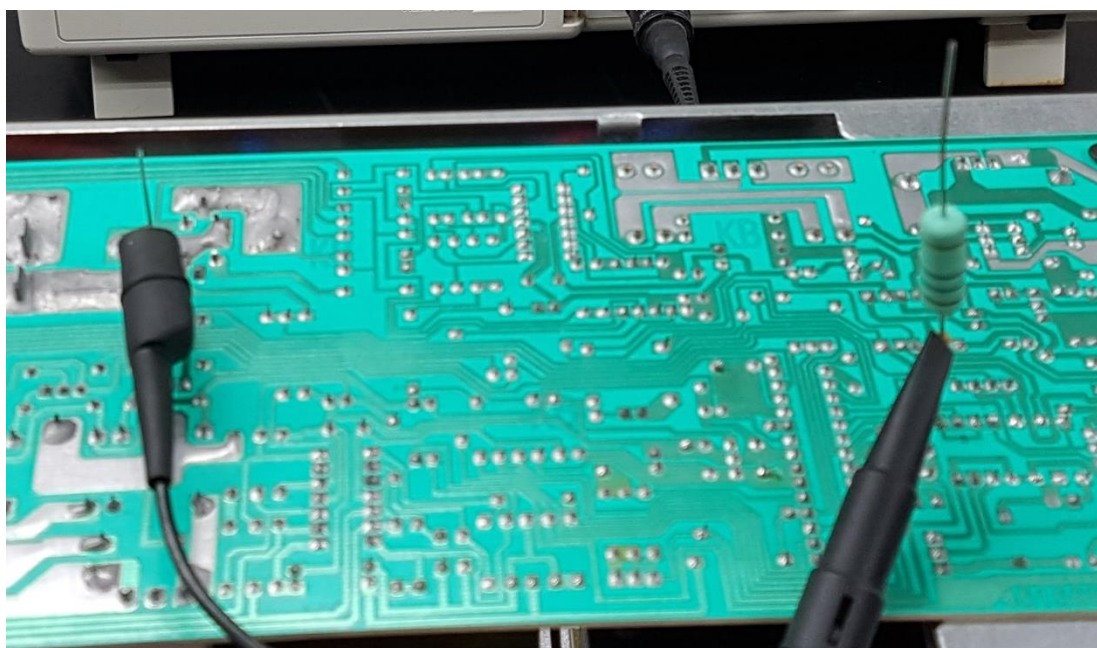
- New orion CEB 1200-1400-1600VA 24Vdc (Entrada220/115 - Saída115Vac)
- New orion VP 800VA 12Vdc (Entrada220/115 – Saída115Vac)
- New orion VP 1200VA (E/S 220Vac) e (E/S 110Vac)
- Orion plus 2400-3000VA (Entrada 220/115 Saída 115Vac)

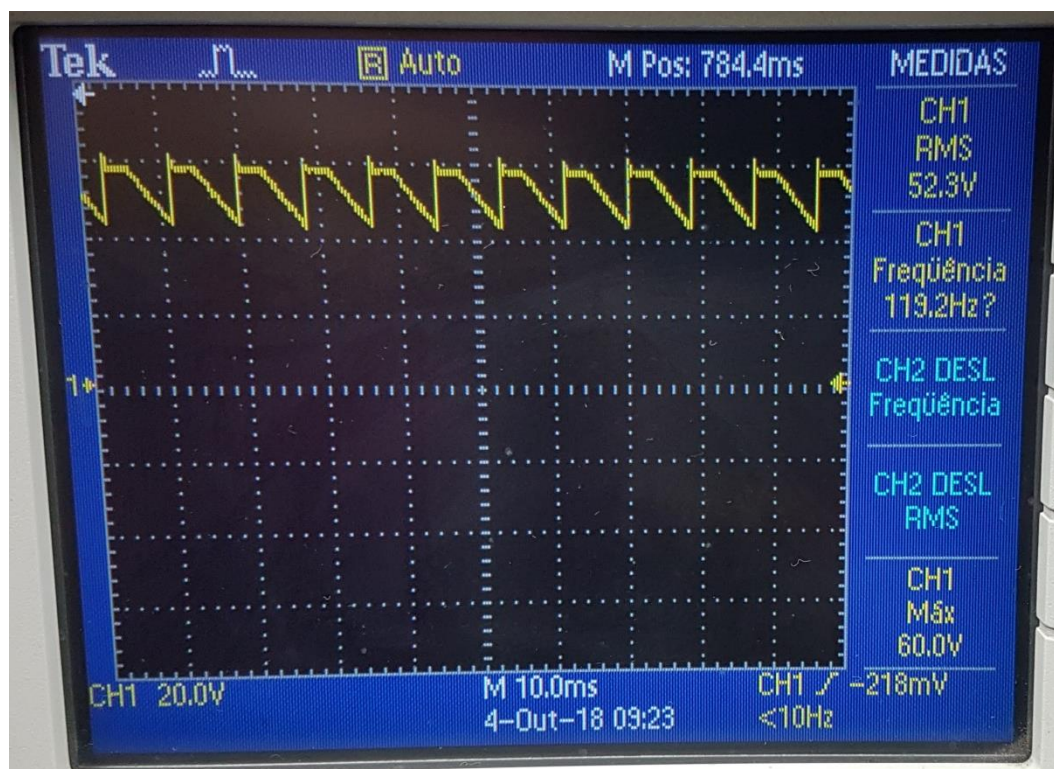
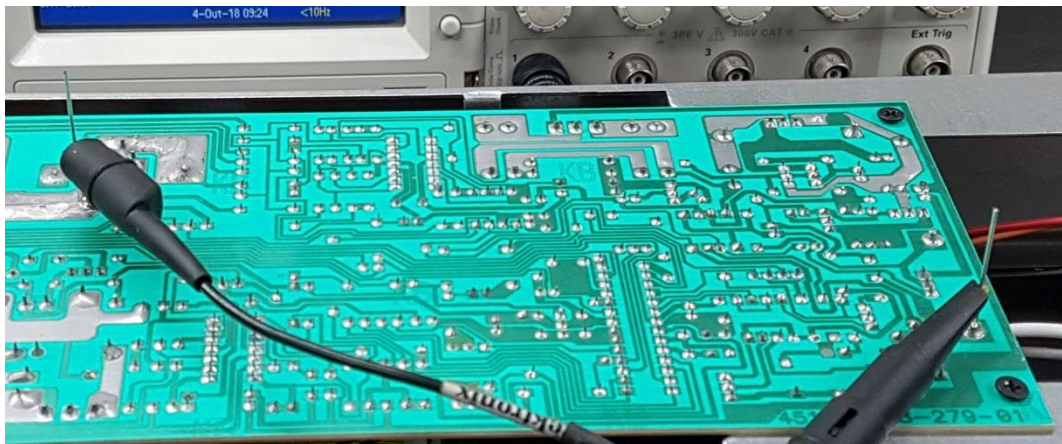
Sumário

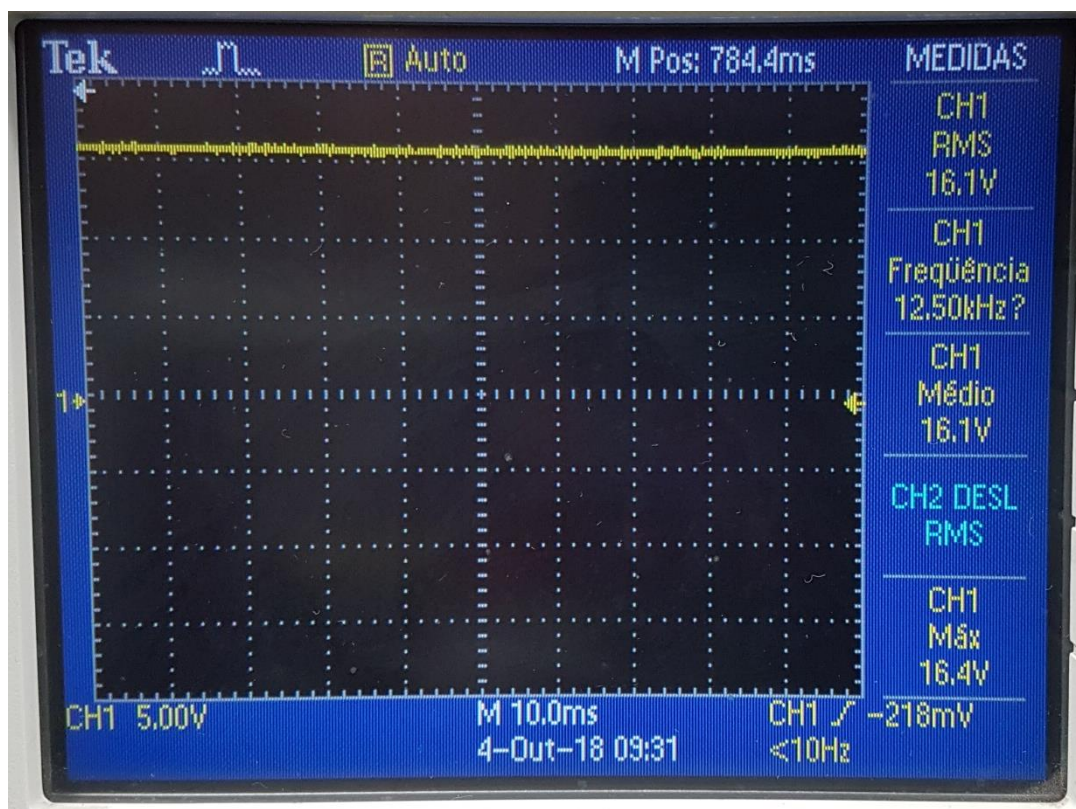
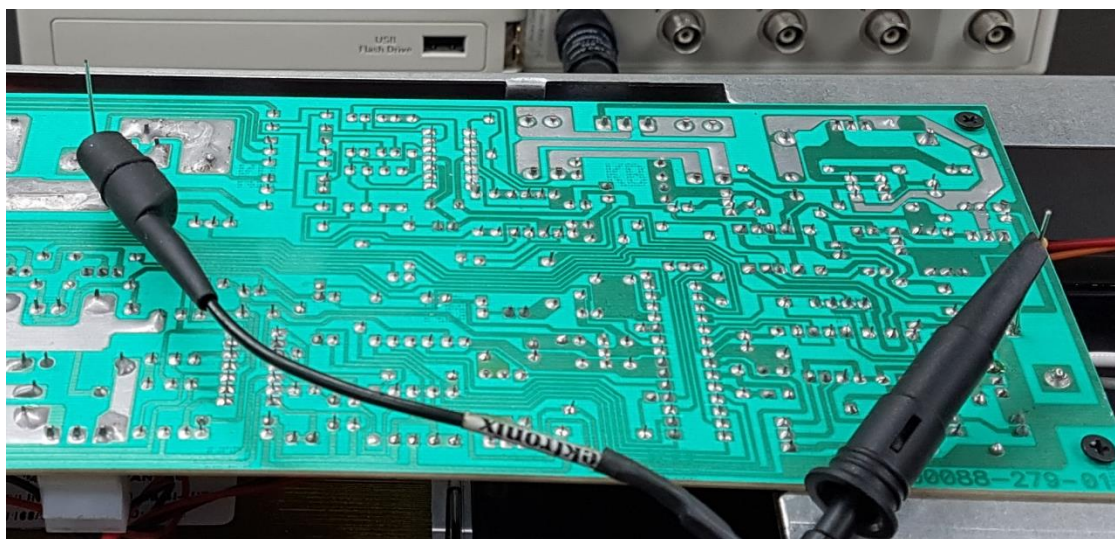
Formas de ondas Placa New Orion CEB 1200, 1400 e 1600 VA – 24Vdc

1.MODO BATERIA:

1.1. Medição no ponto A (coletor Q1 e referencial terra)

Onda no osciloscópio

1.2. Medição no ponto B (divisor entre R30 e R34, referencial terra)

Onda no osciloscópio

1.3. Medição no ponto C (Dissipador ou coletor Q2, referencial terra)

Onda no osciloscópio

1.4. Medição no ponto D (Catodo D4, referencial terra)

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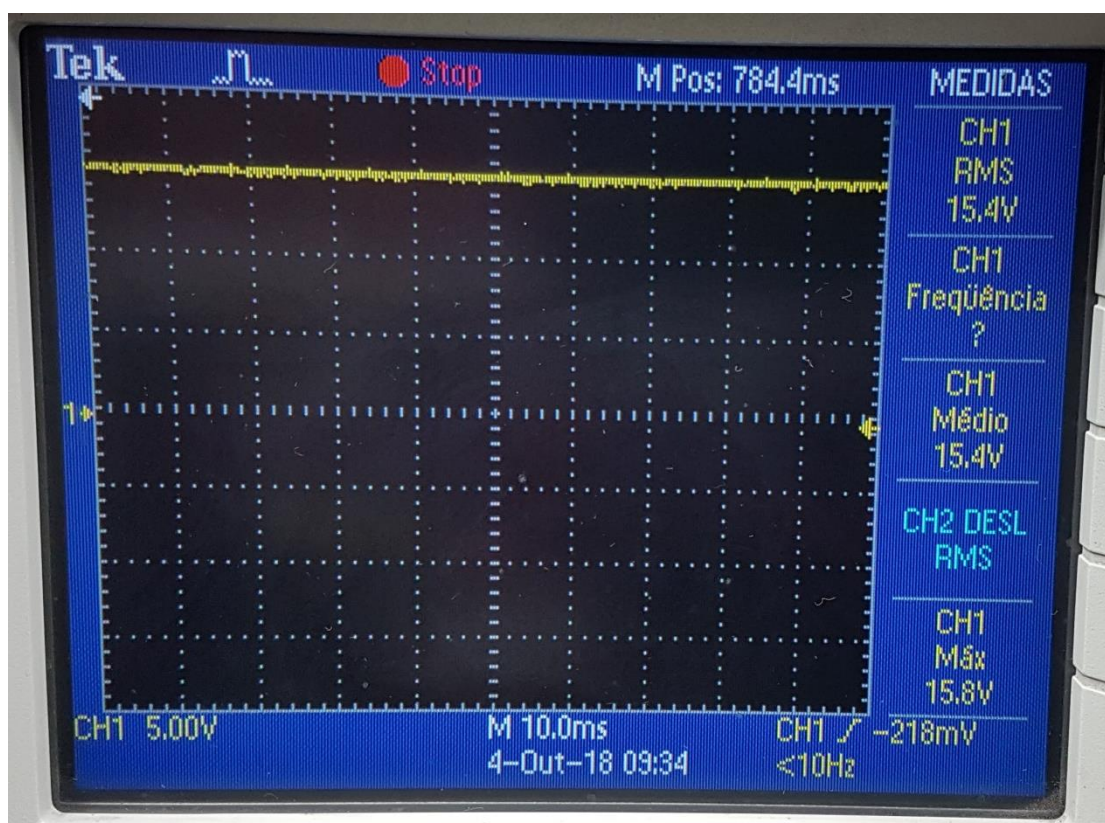
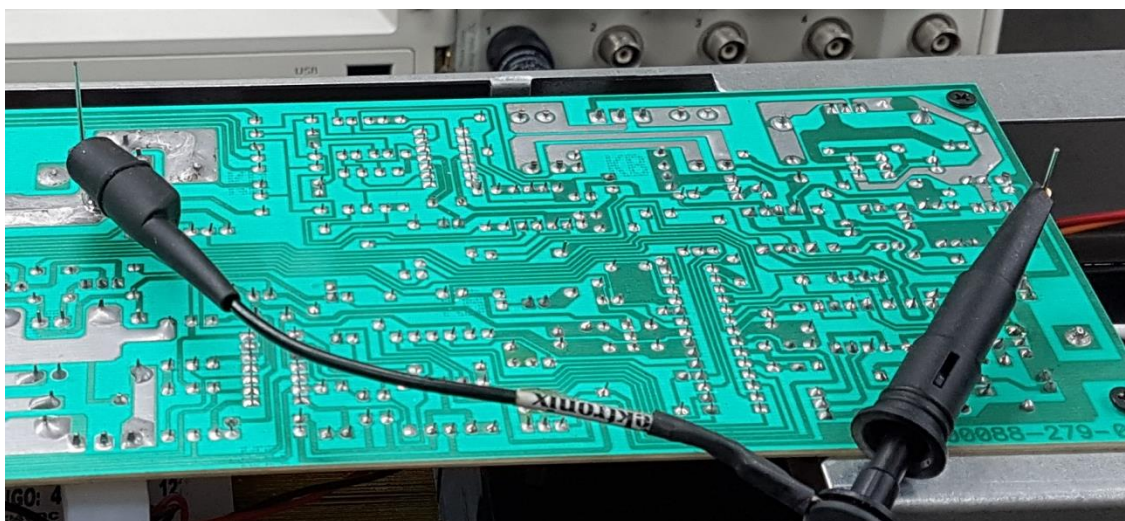
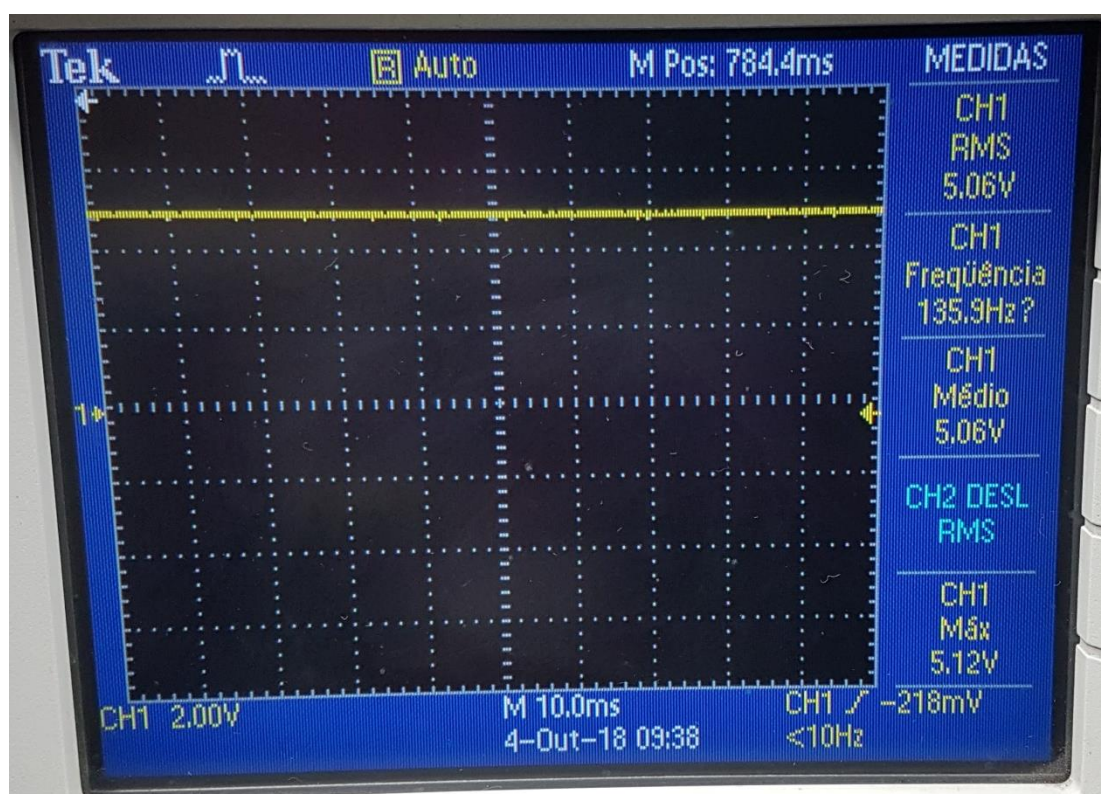
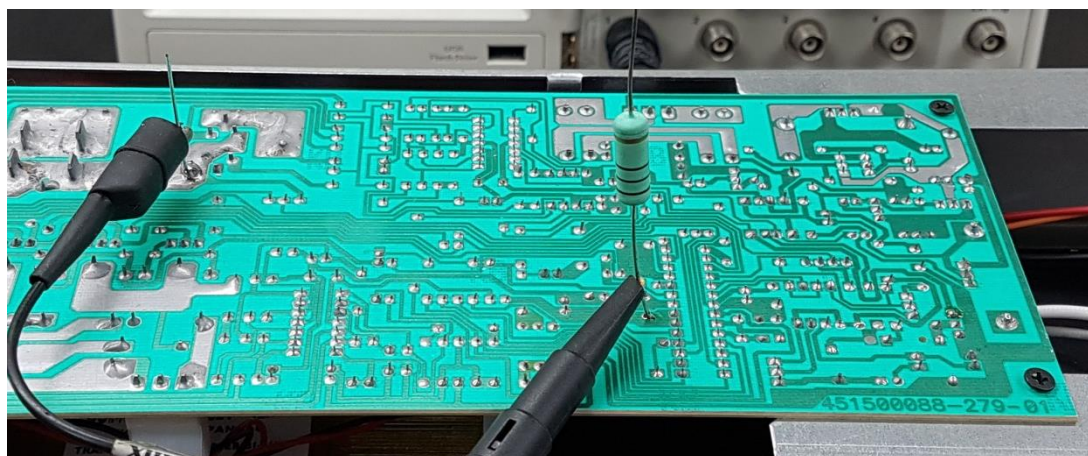
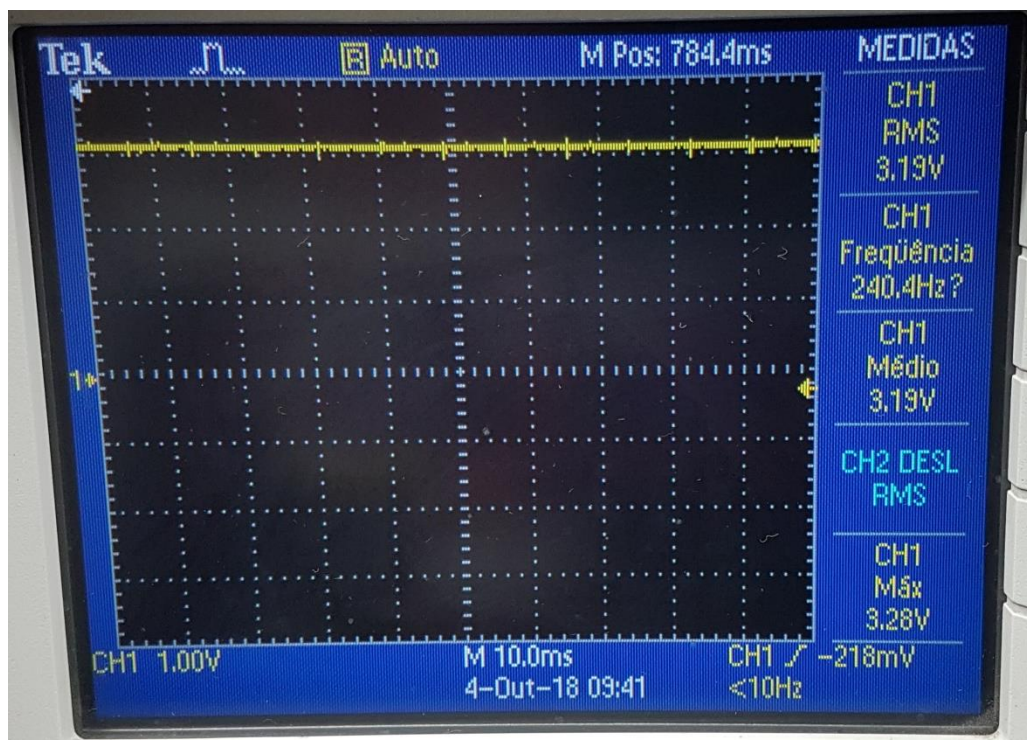
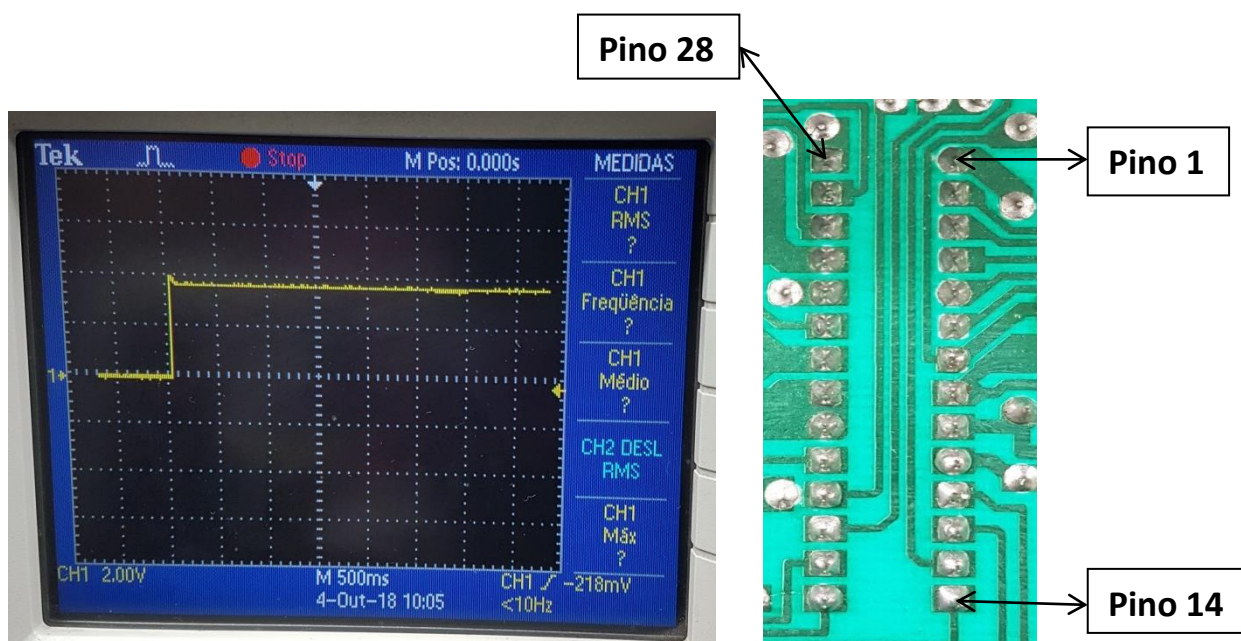
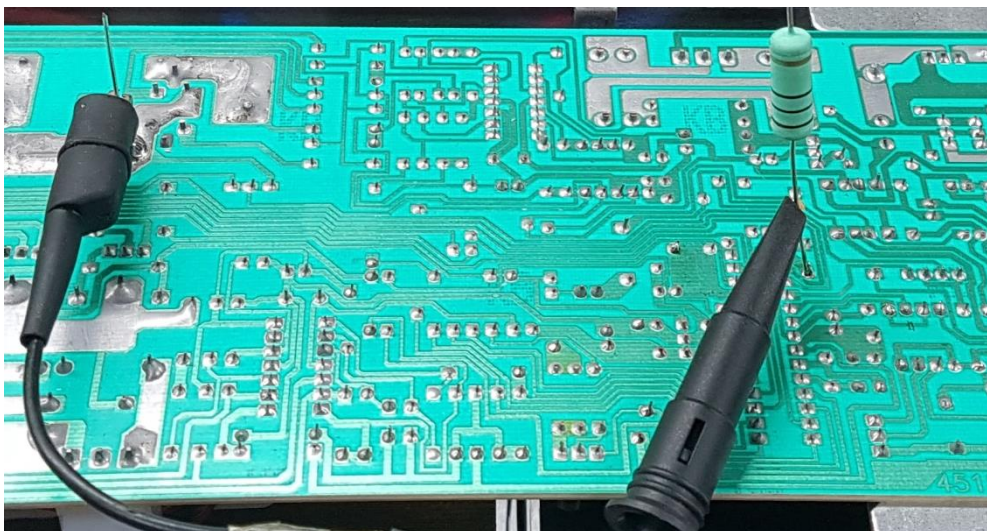
1.5. Medição no ponto E (Emissor do Q2, referencial terra)

Onda no osciloscópio

1.6. Medição no ponto F (+ do C12, referencial terra)

Onda no osciloscópio

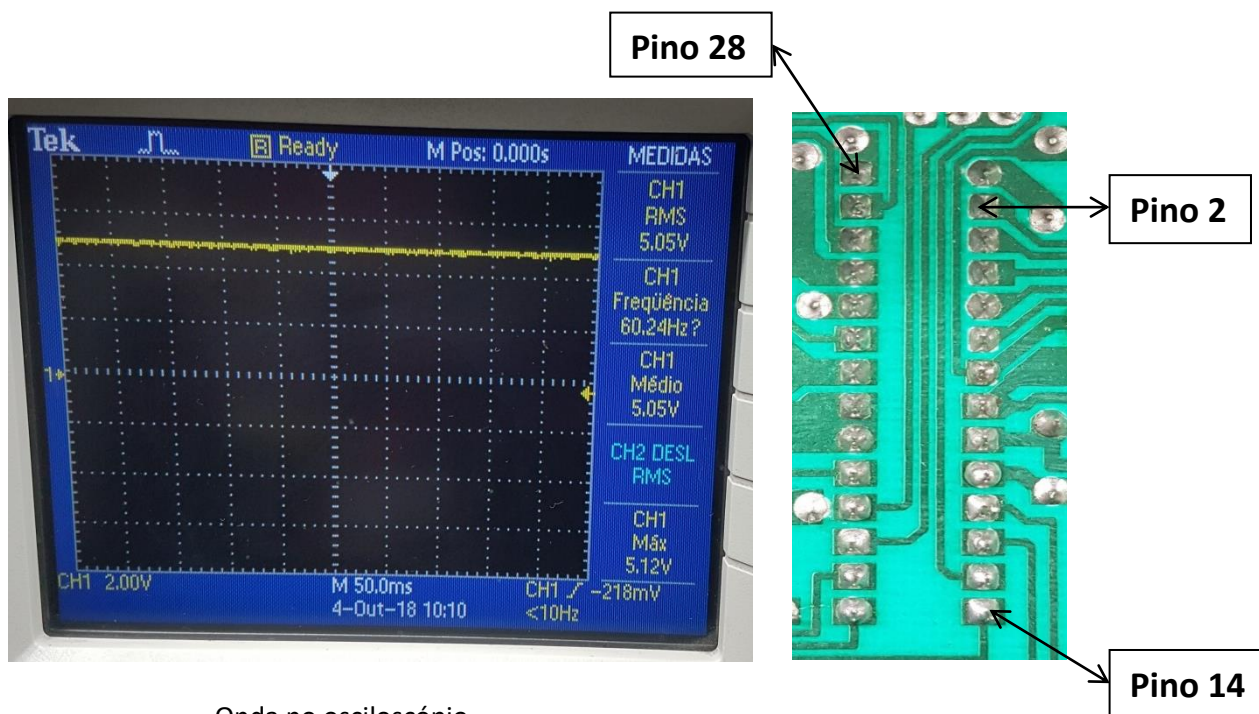
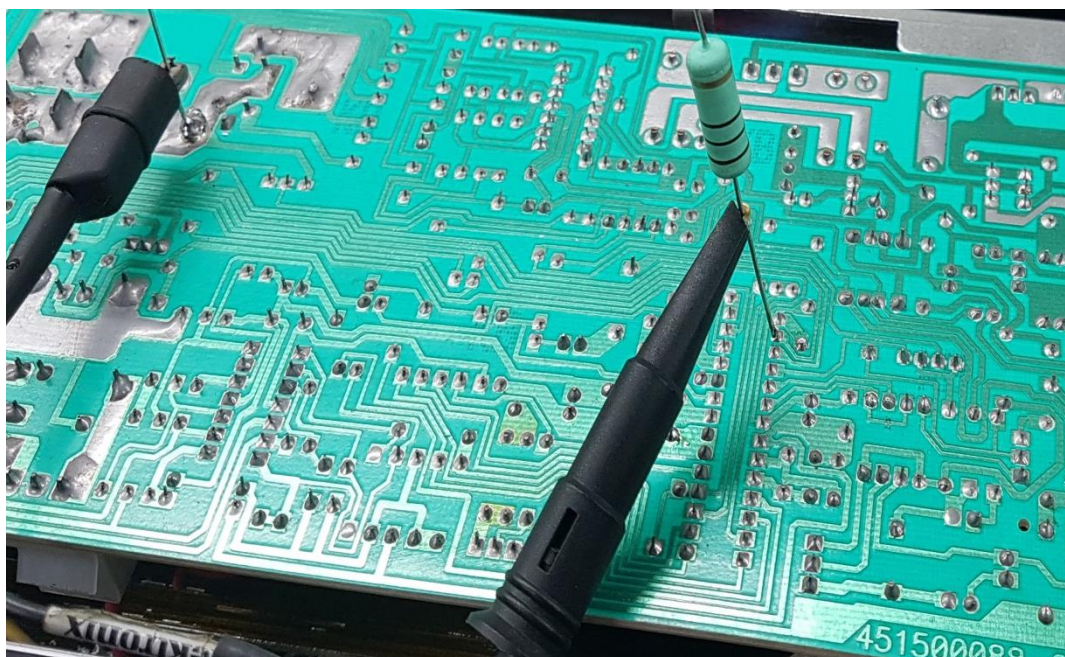
1.7. Medição no ponto G (Divisor entre R23 e R32, referencial terra)

Onda no osciloscópio

2.VERIFICAÇÃO EM CADA PINO DO MICROCONTROLADOR

- Referencial terra em todas as medições

2.1. Medição no pino 1

Onda no osciloscópio

2.2. Medição no pino 2

Onda no osciloscópio

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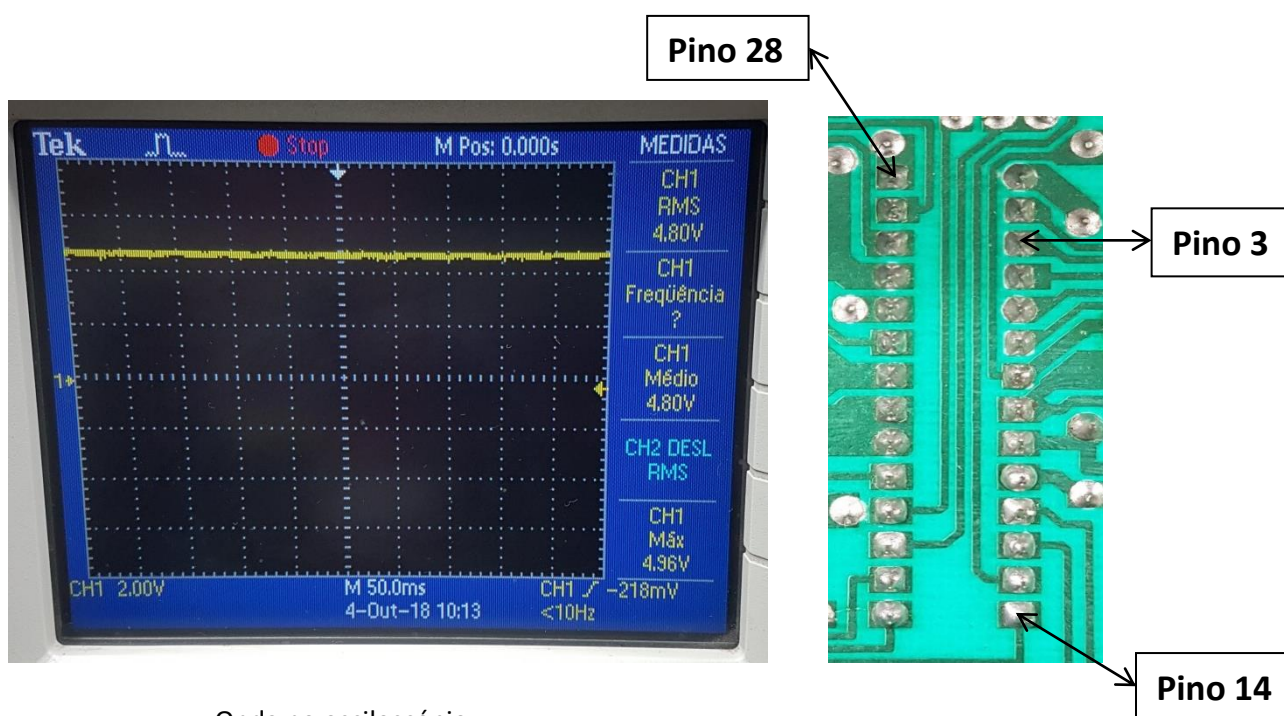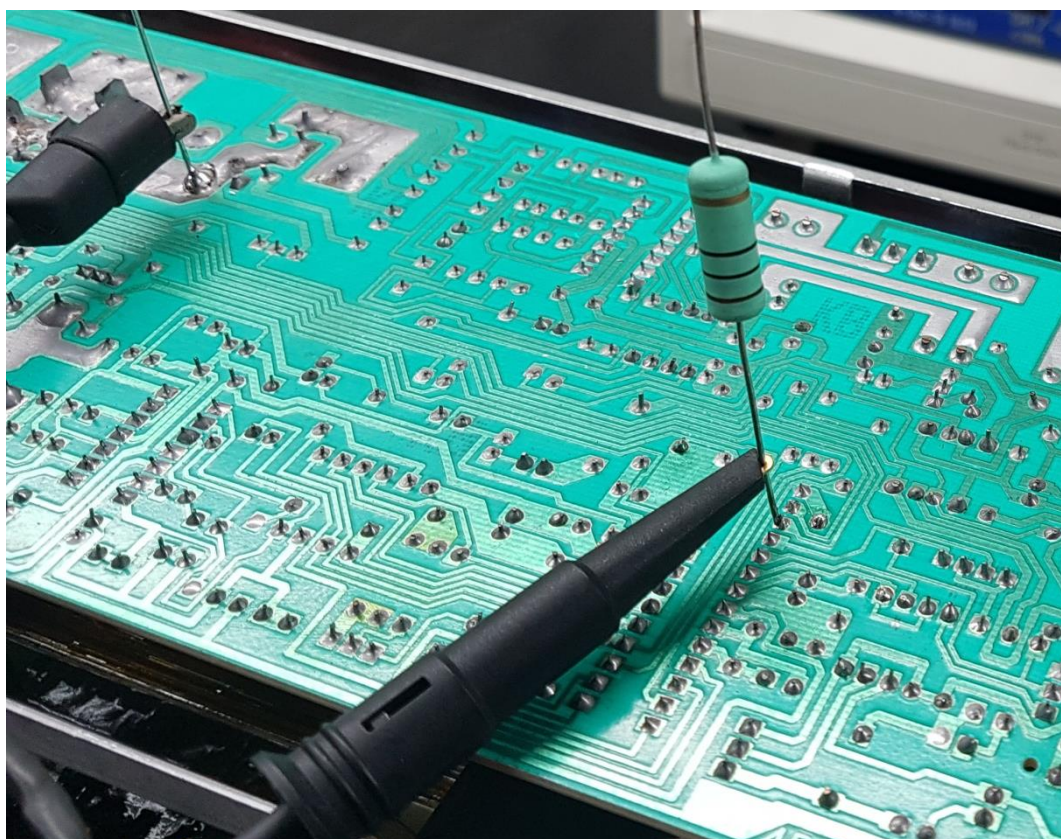
Onda no osciloscópio

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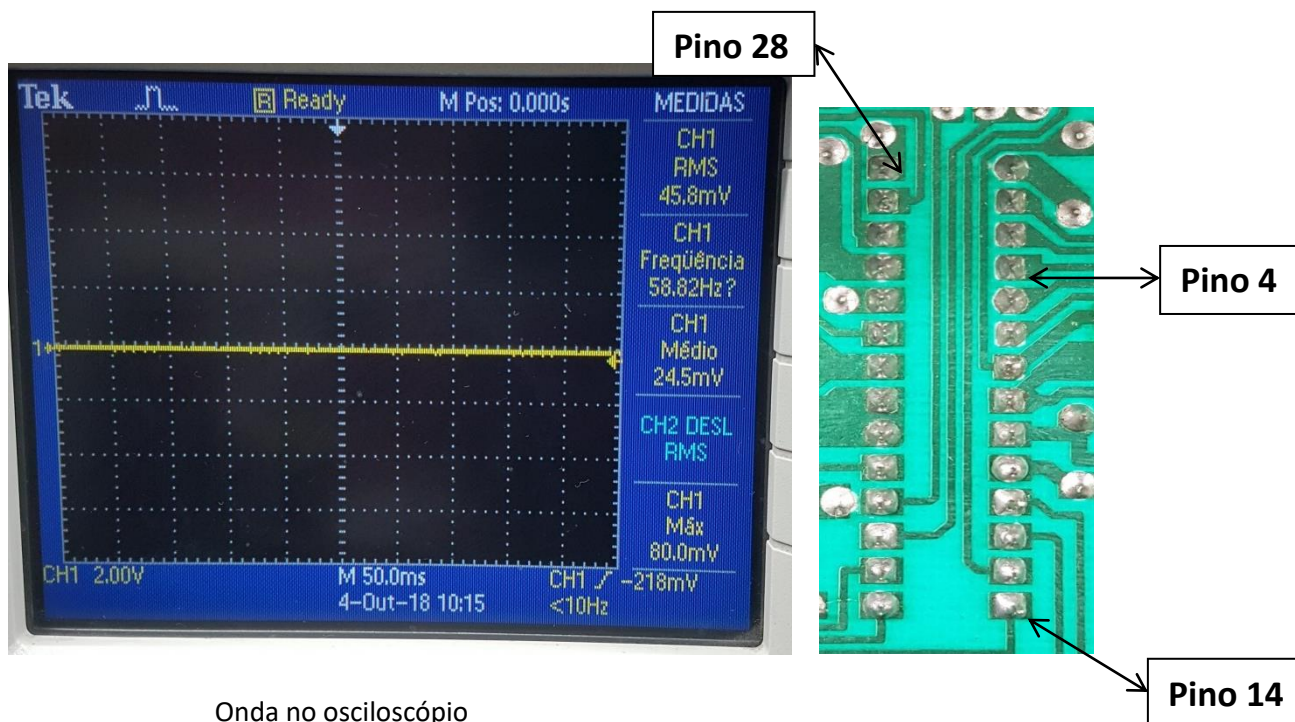
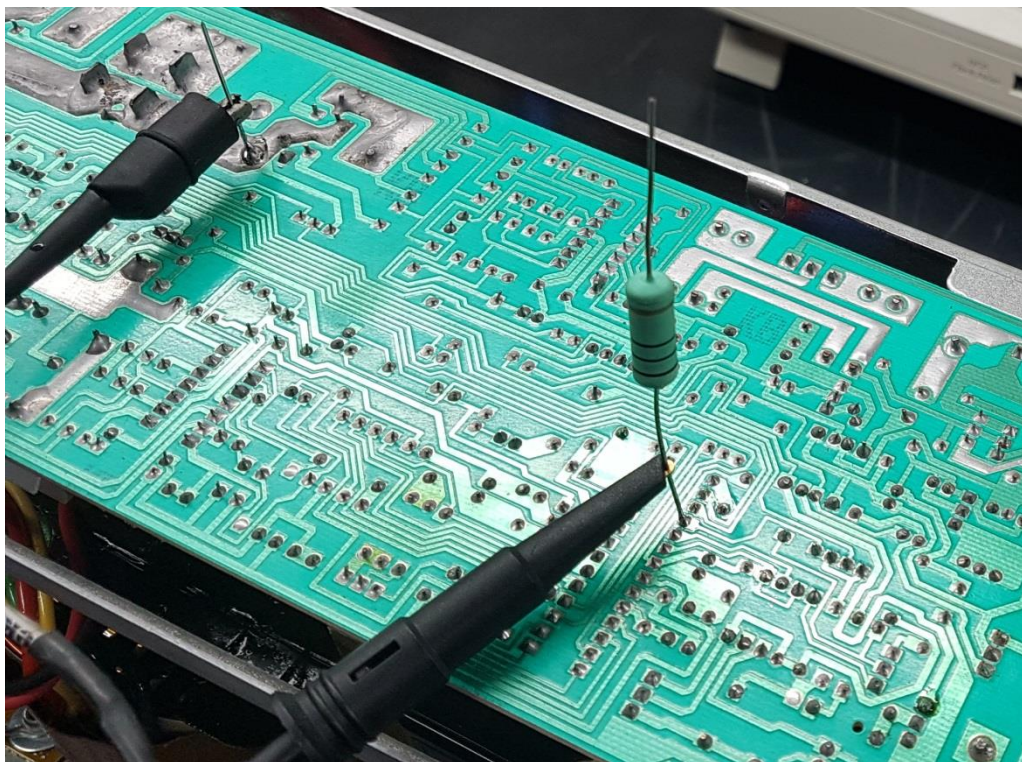
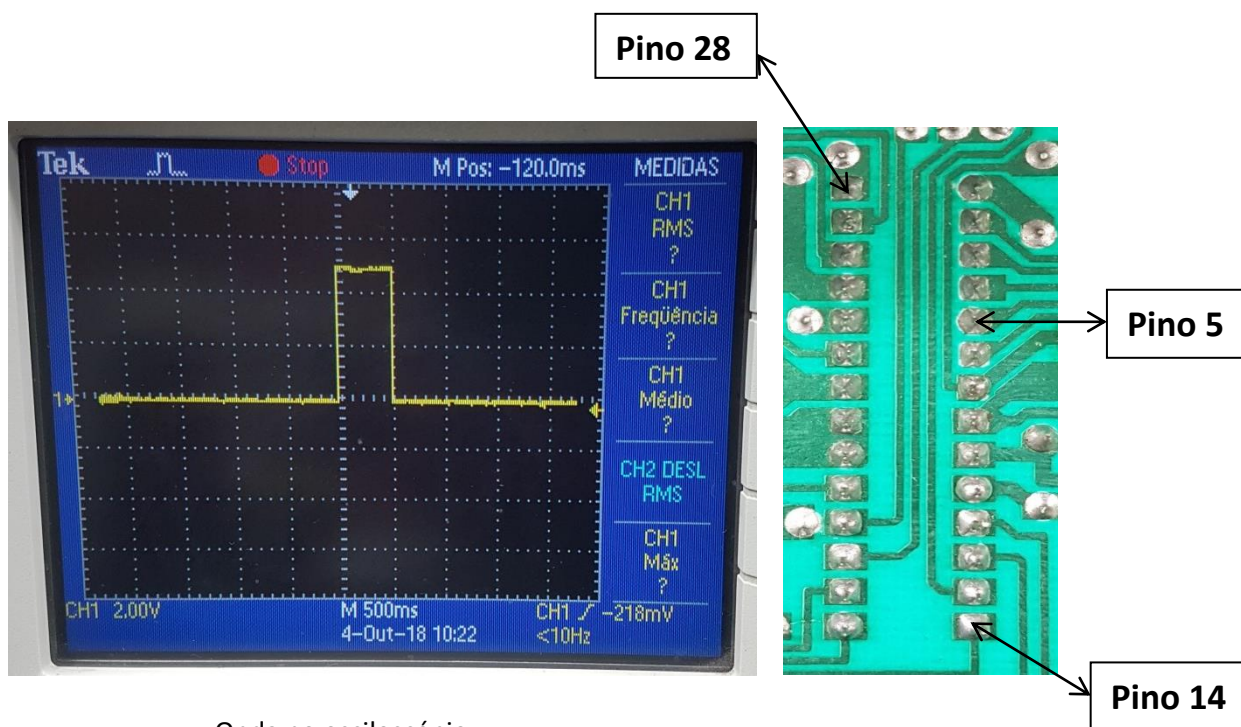
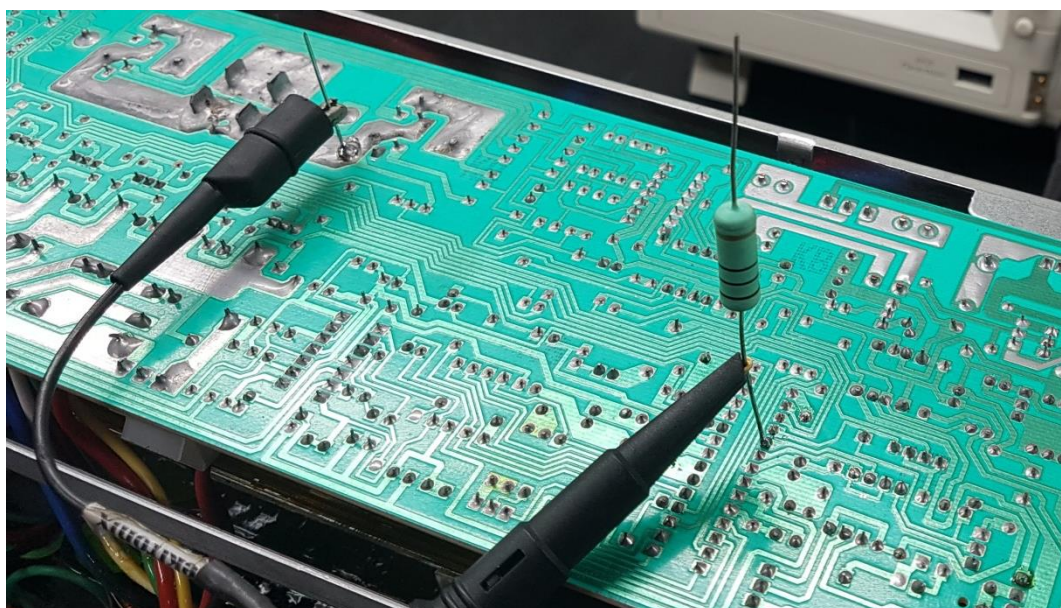
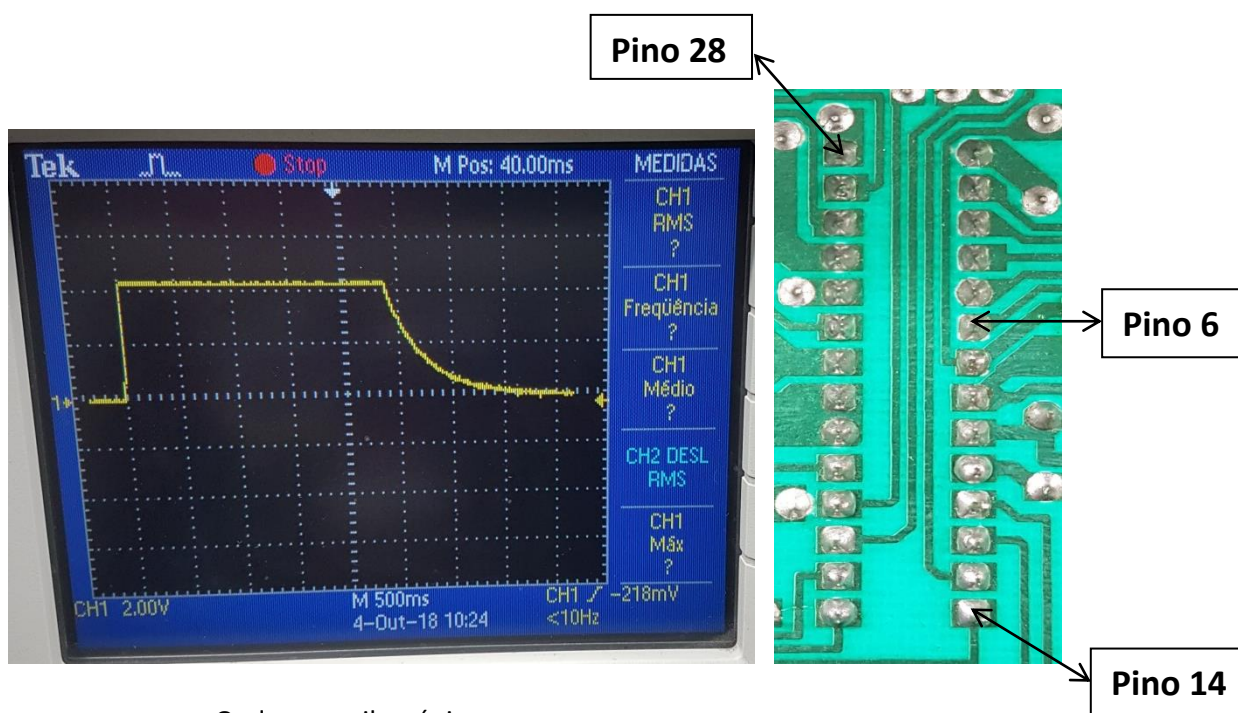
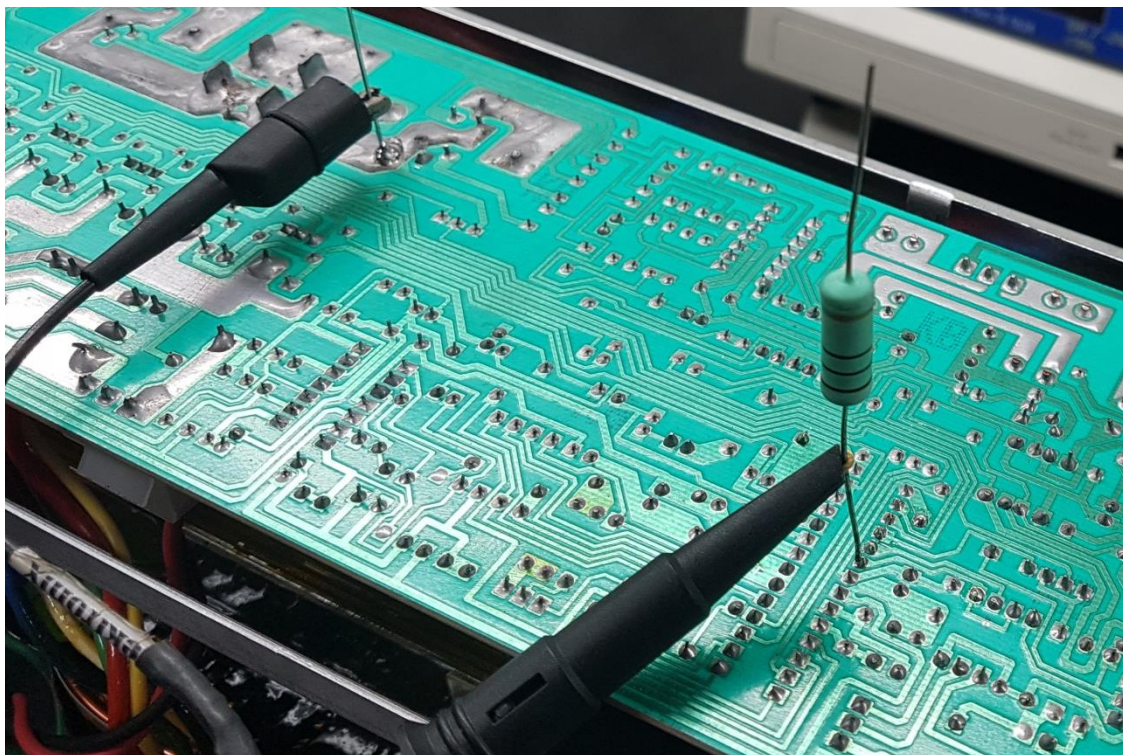
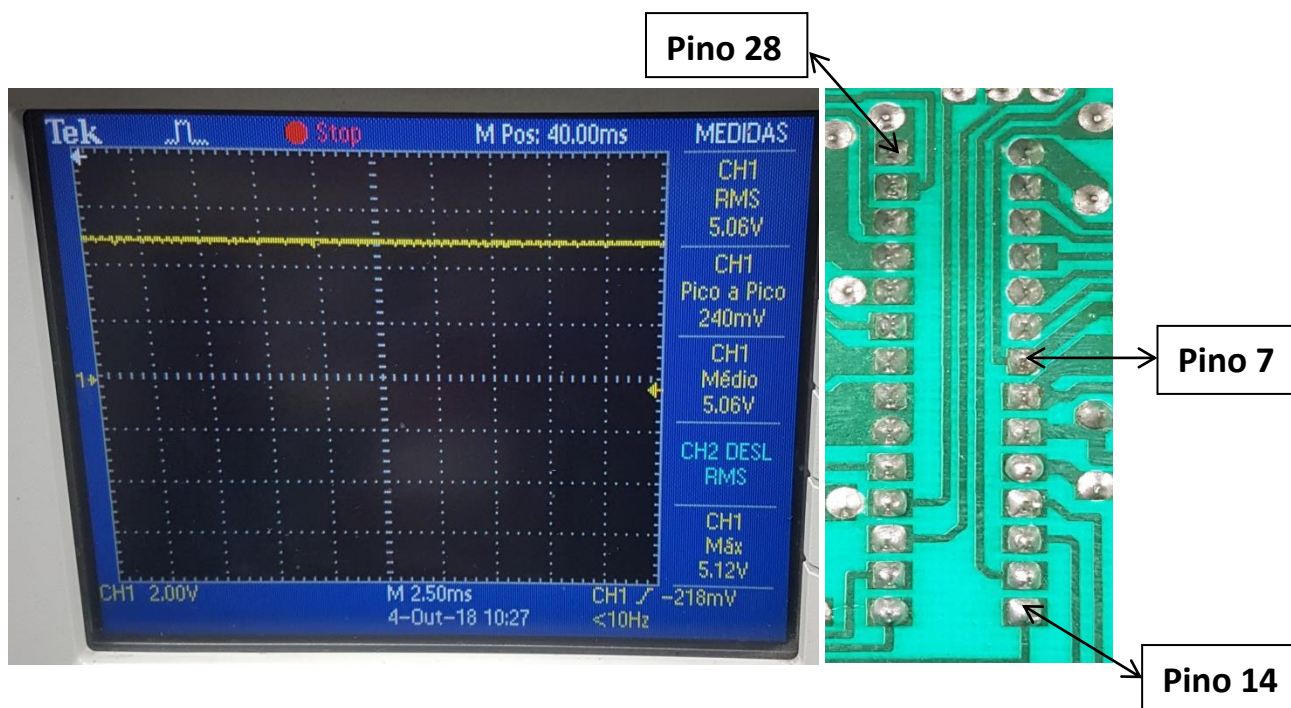
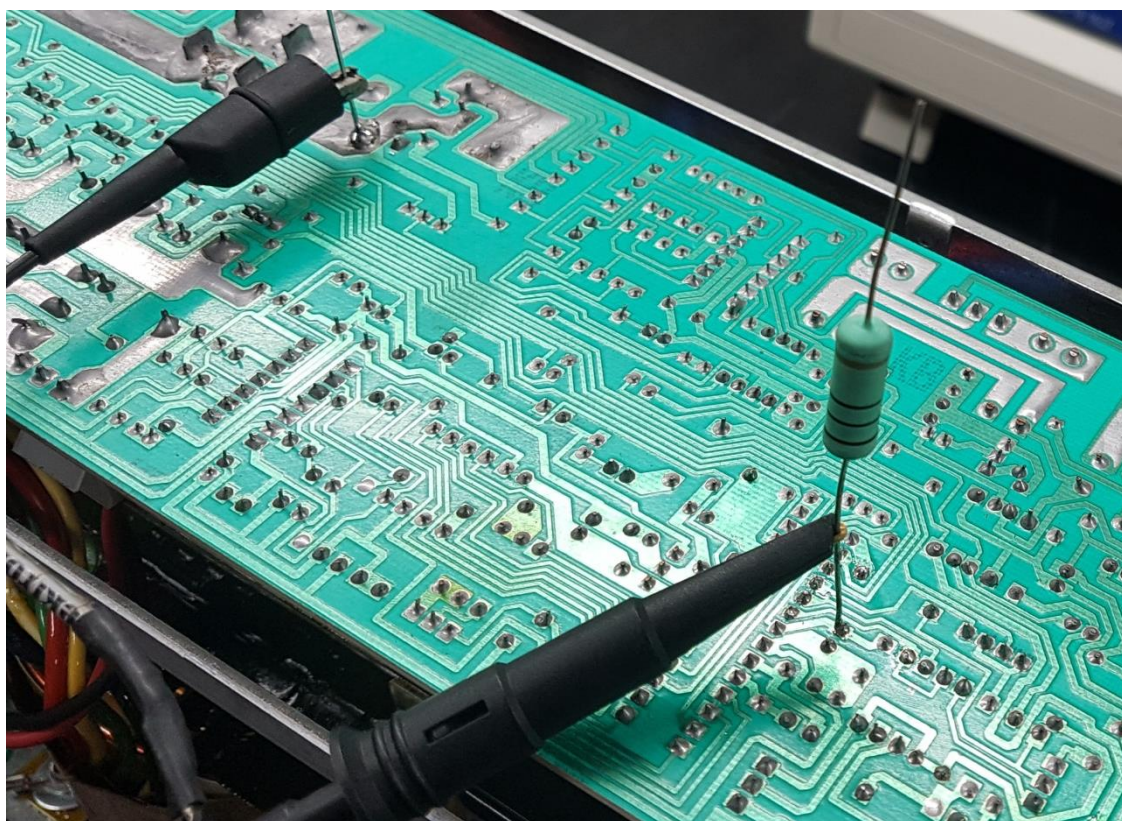
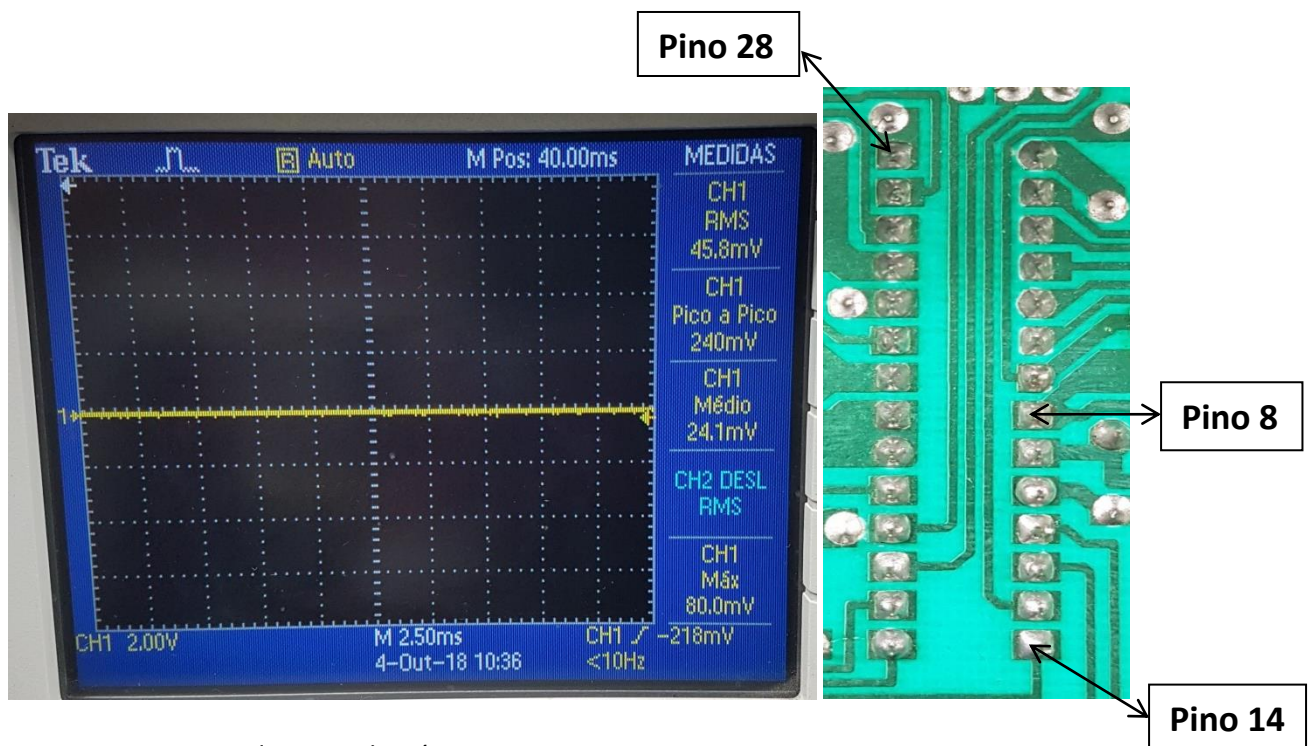
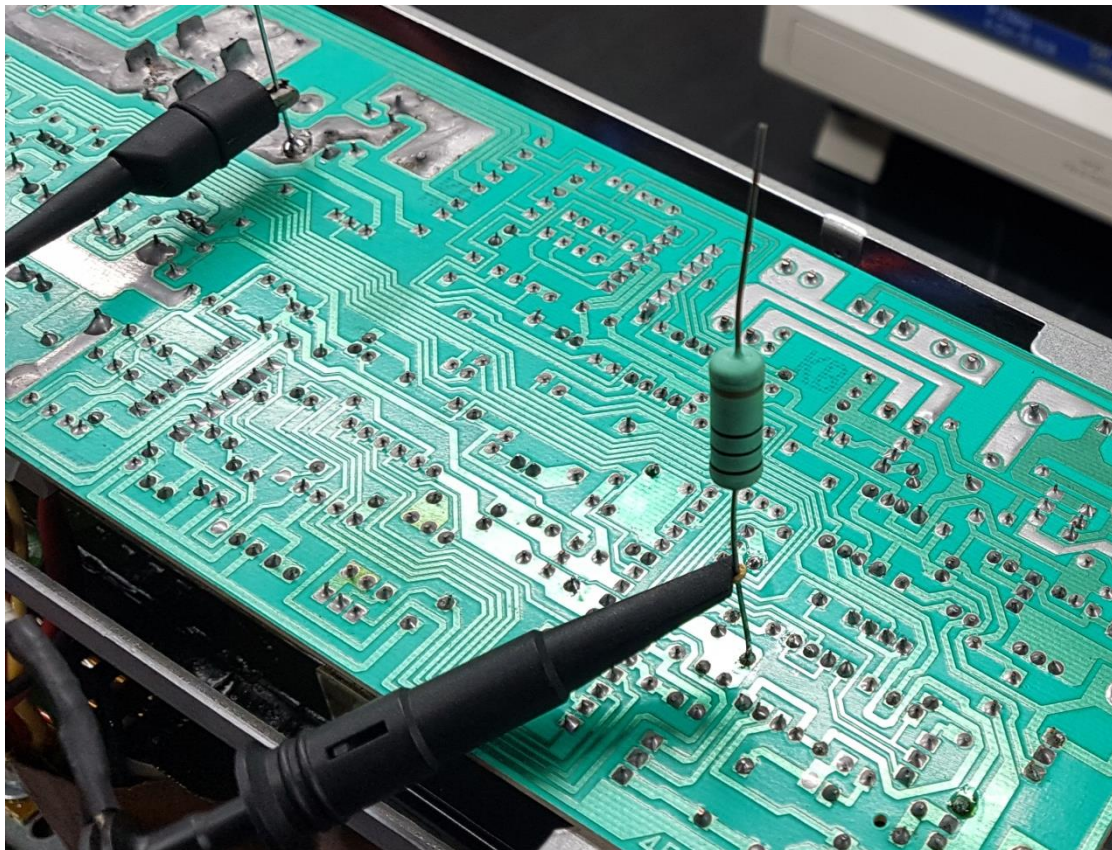

Onda no osciloscópio

2.5.Medição no pino 5

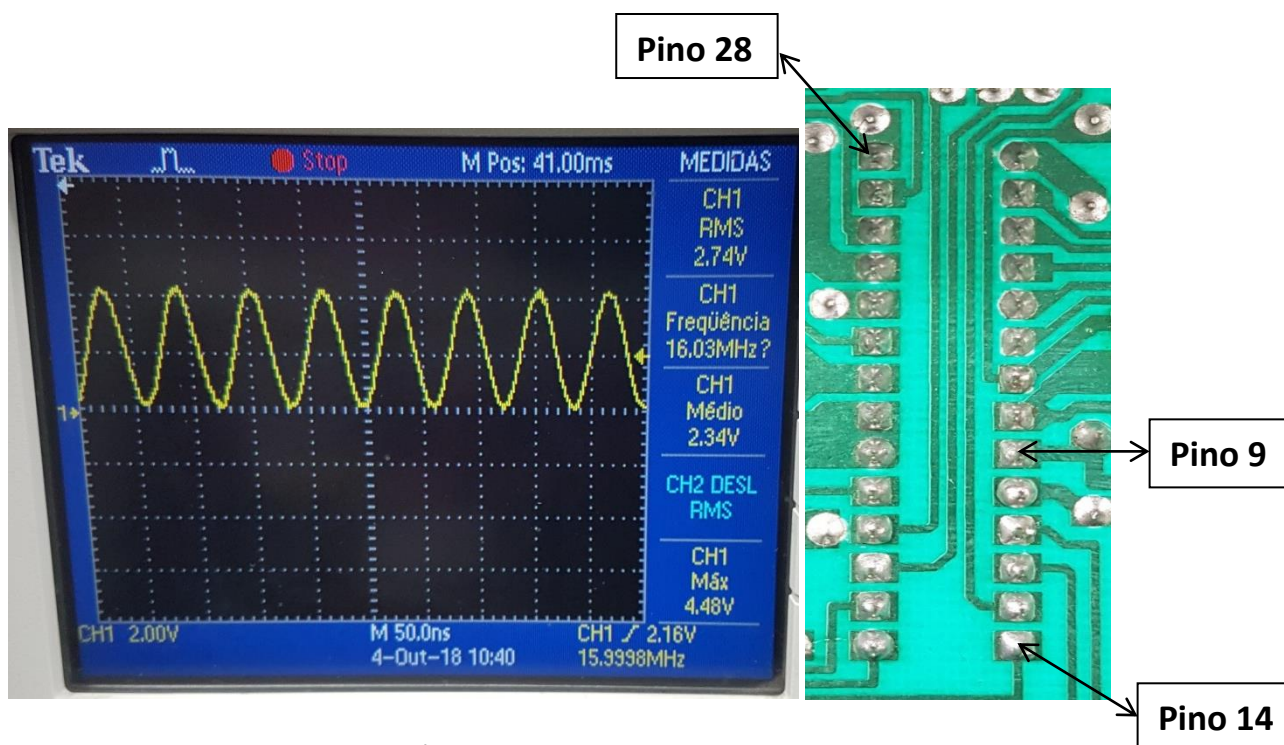
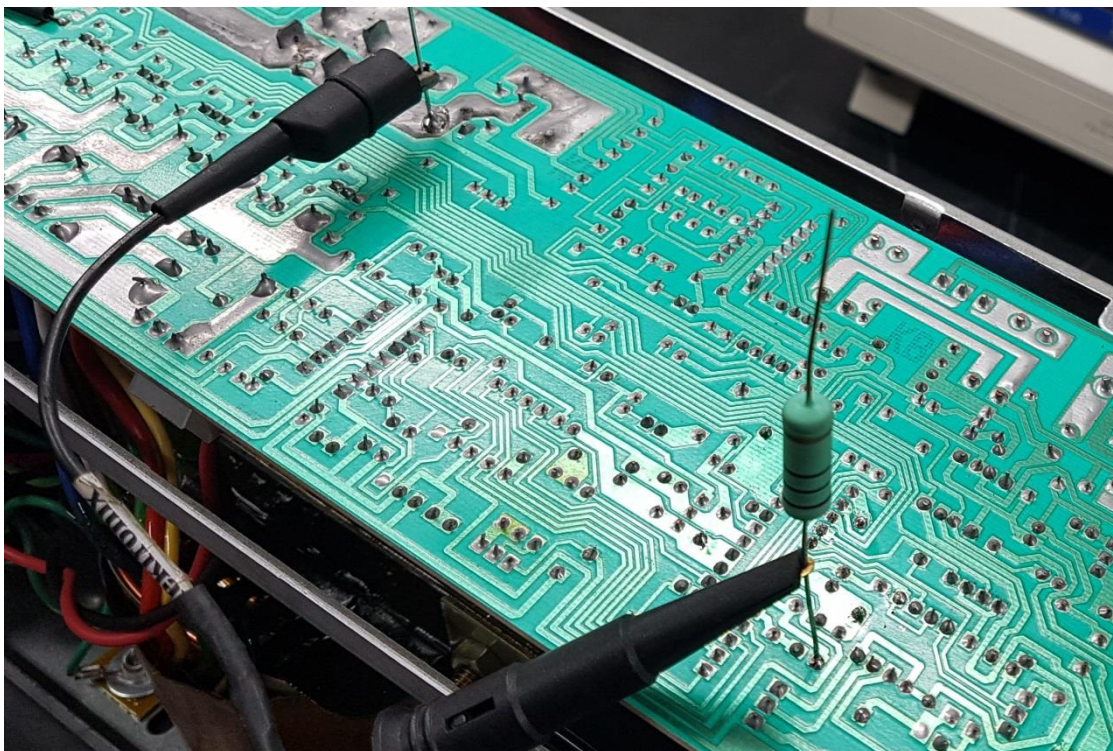
Onda no osciloscópio

2.6.Medição no pino 6

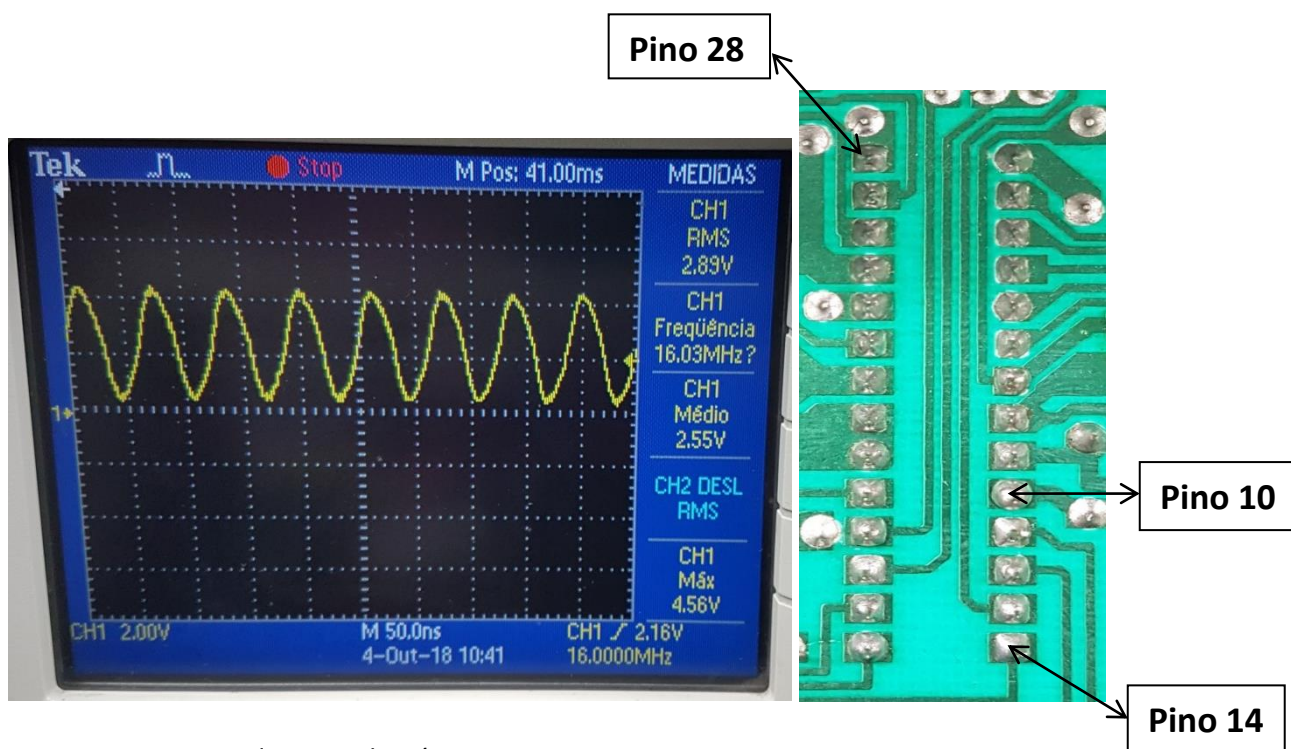
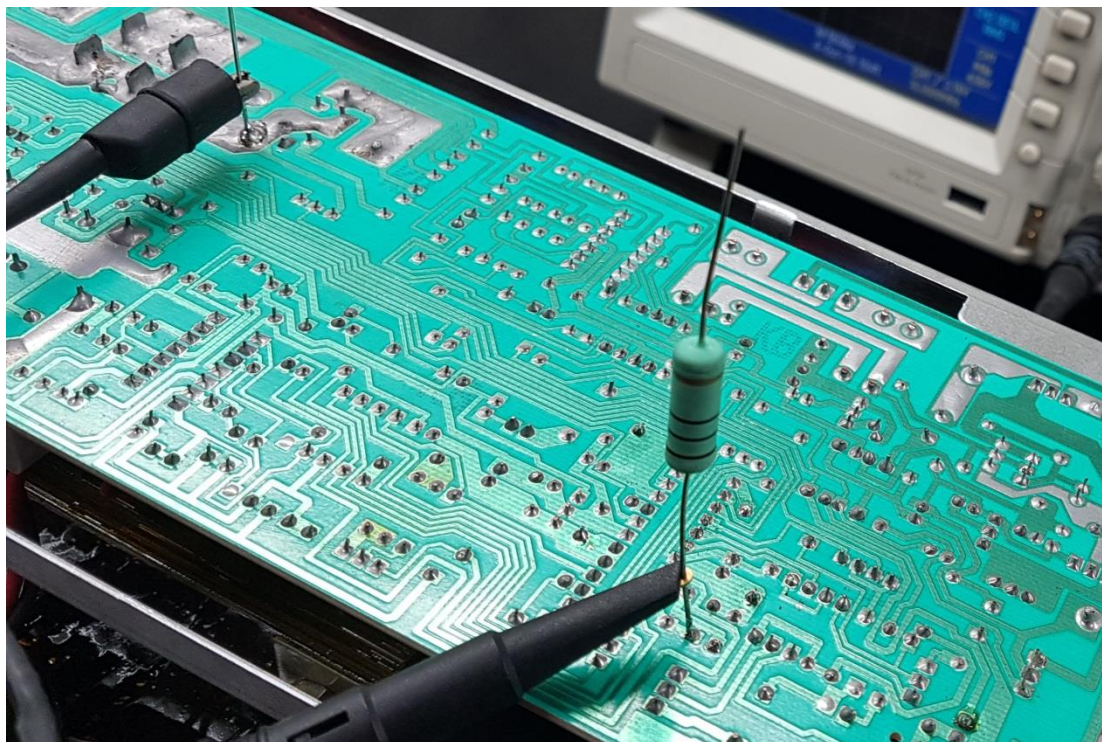
Onda no osciloscópio

2.7.Medição no pino 7

Onda no osciloscópio

2.8.Medição no pino 8

Onda no osciloscópio

2.9.Medição no pino 9

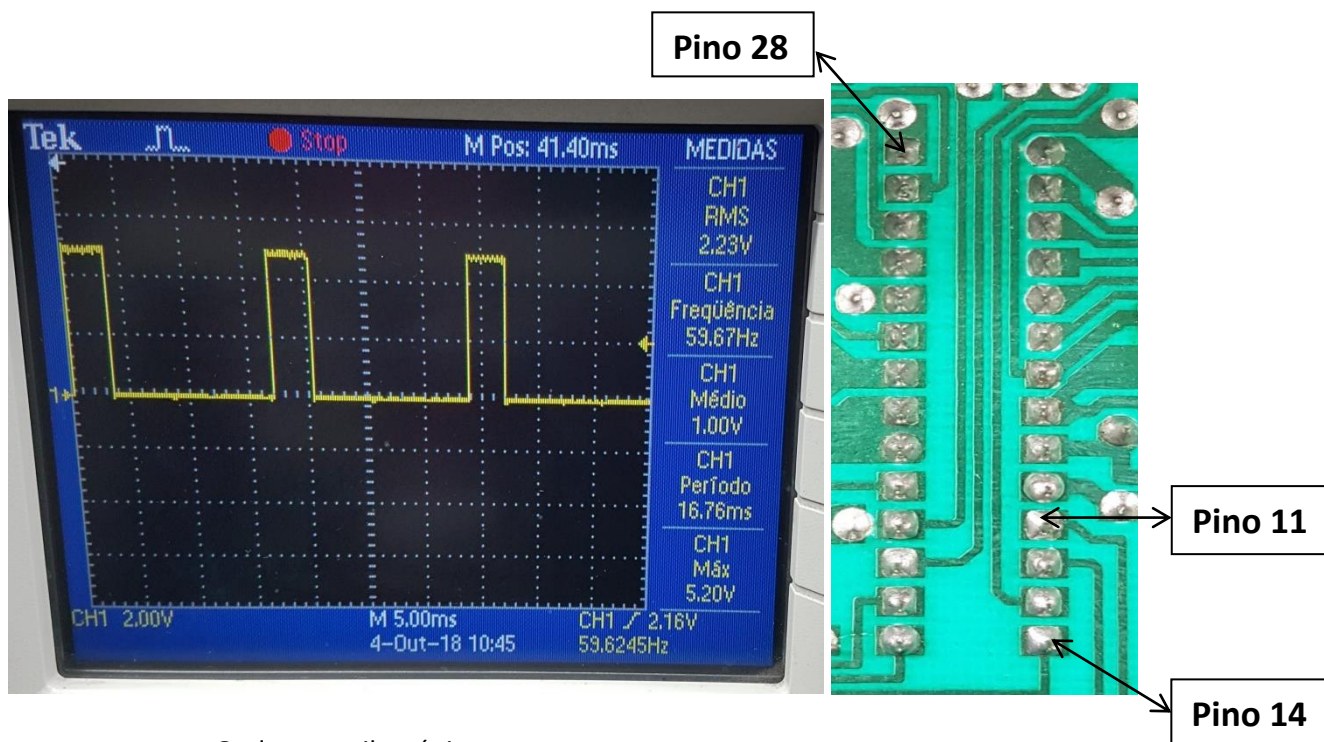
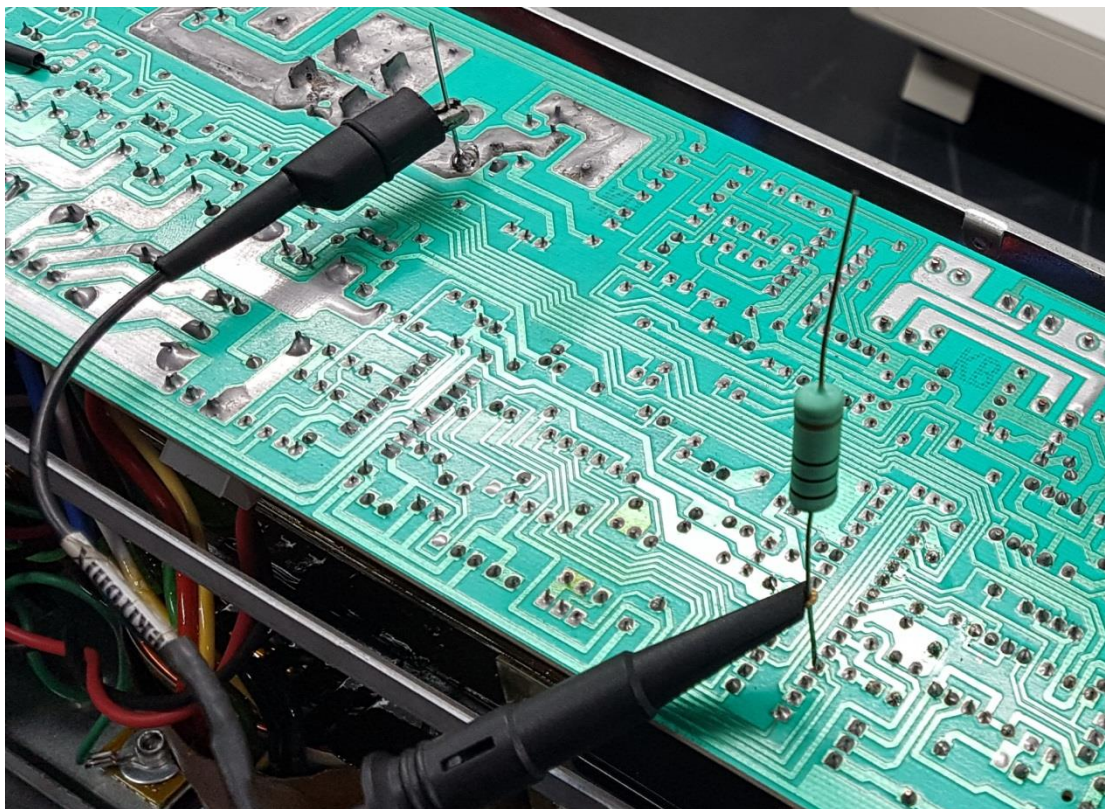
Pino 28

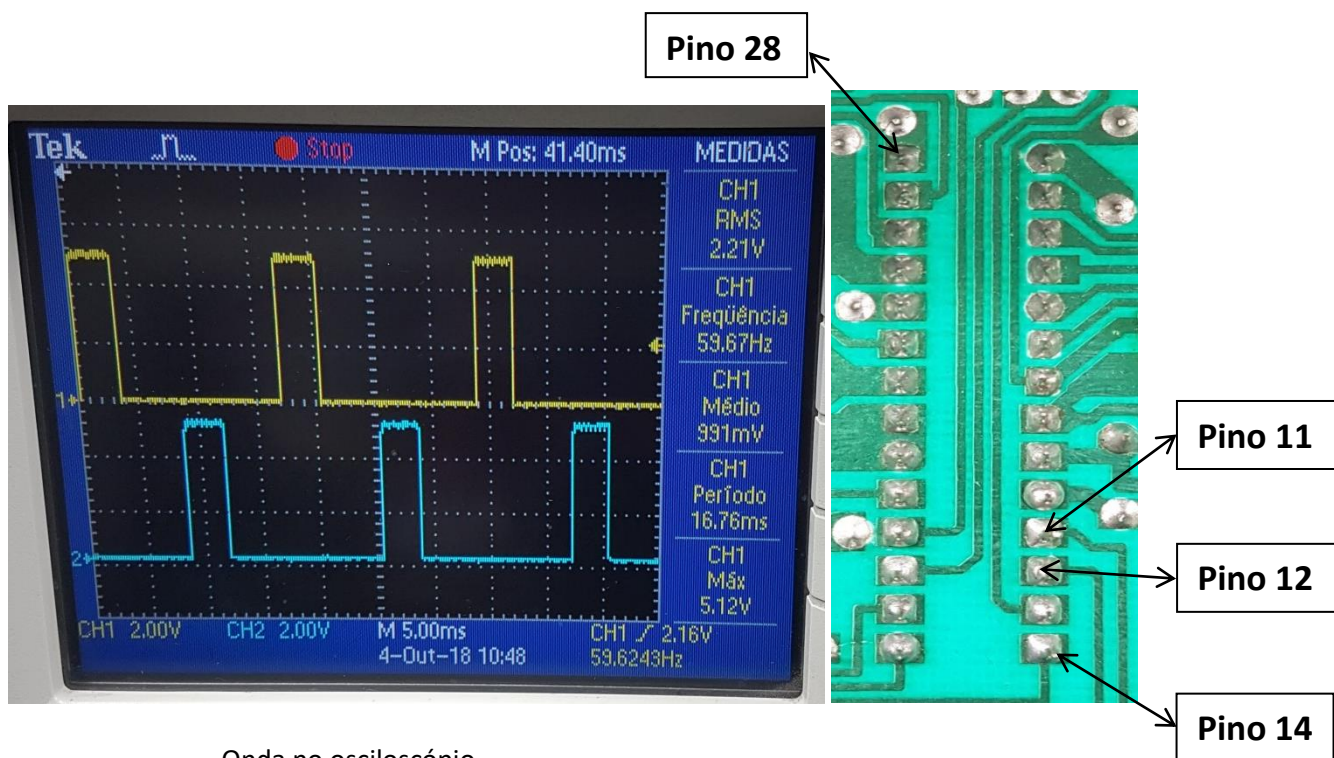
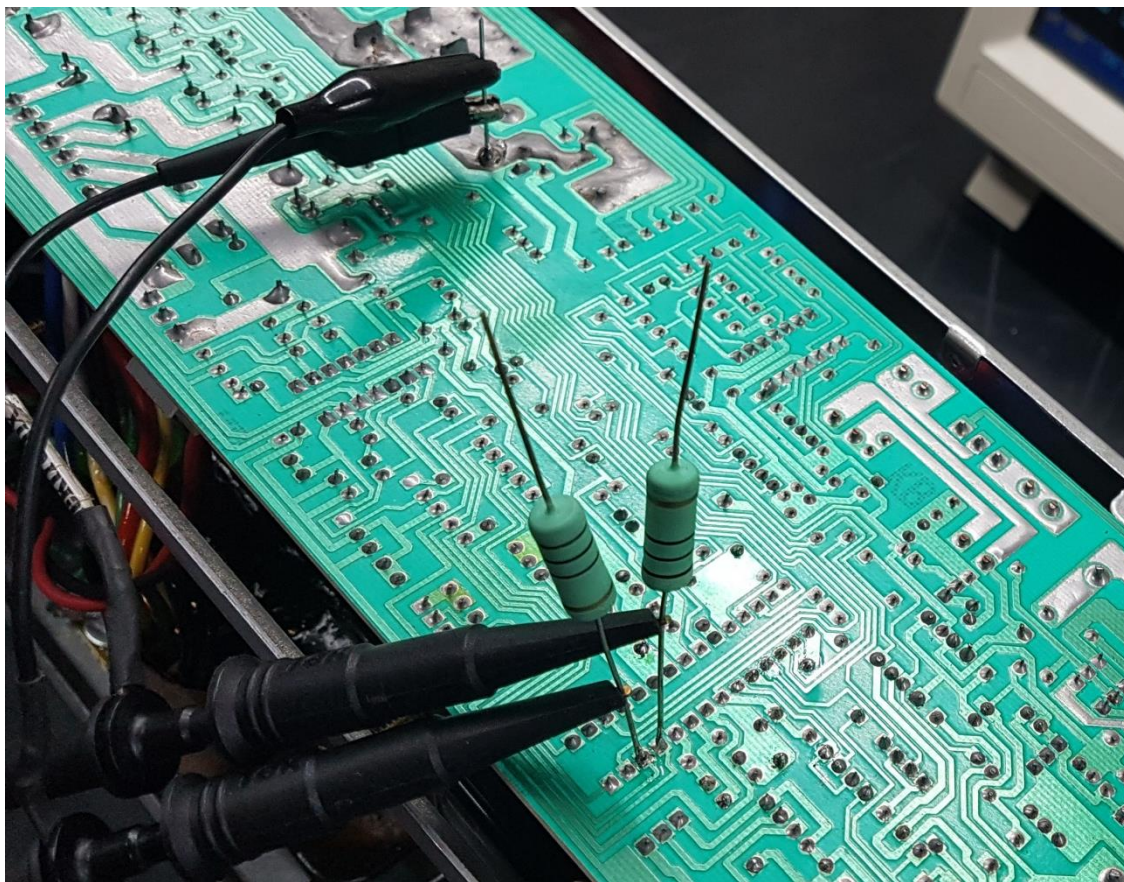
Pino 9

Pino 14

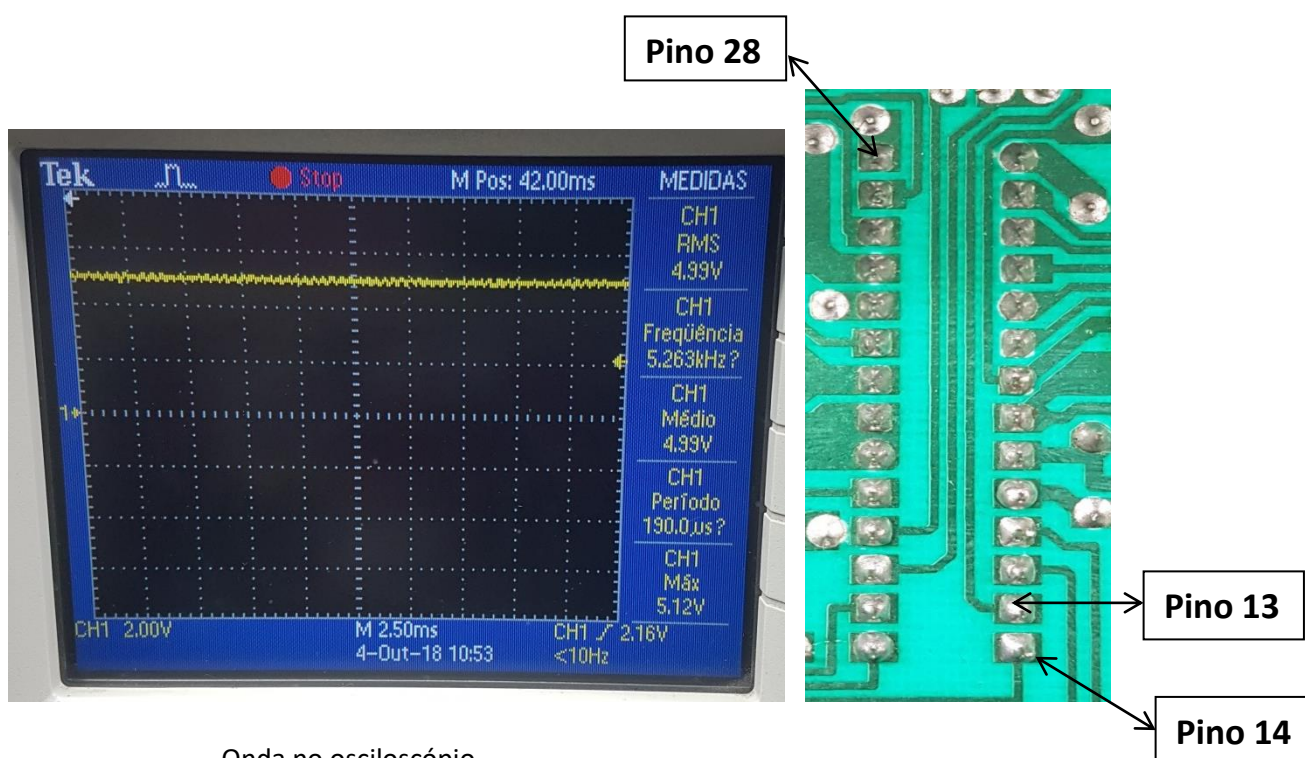
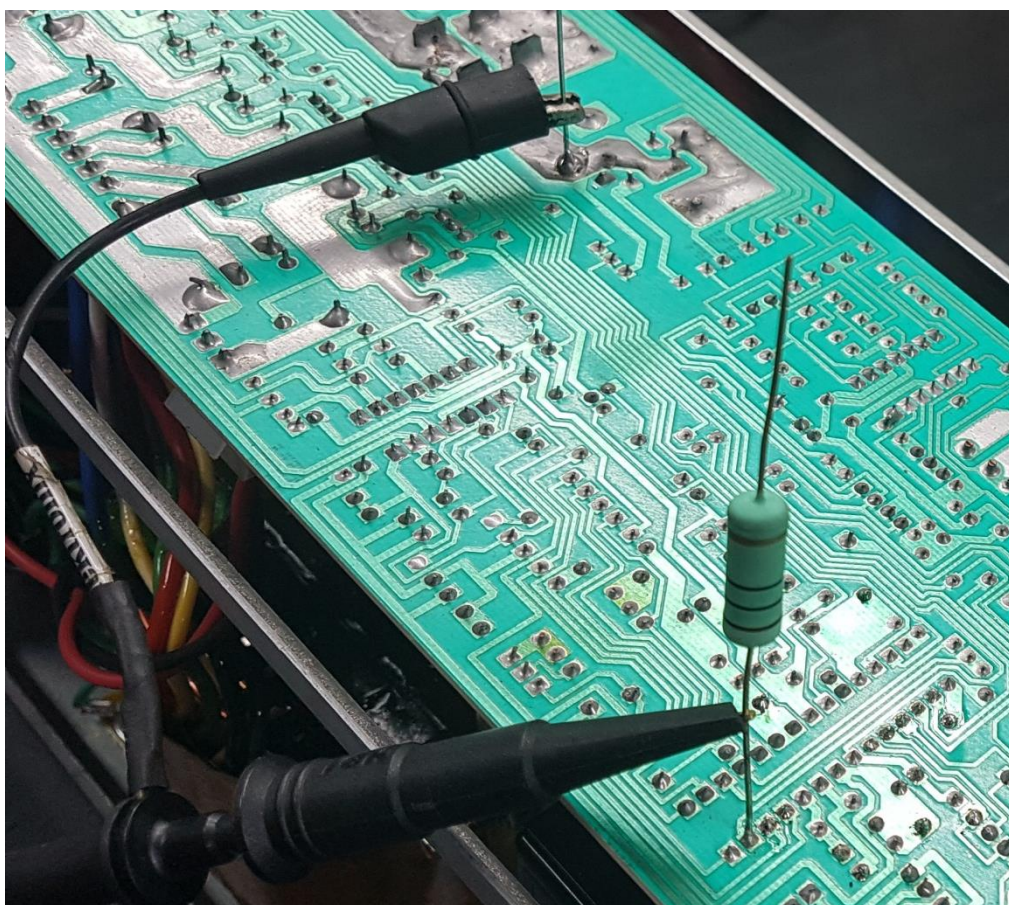
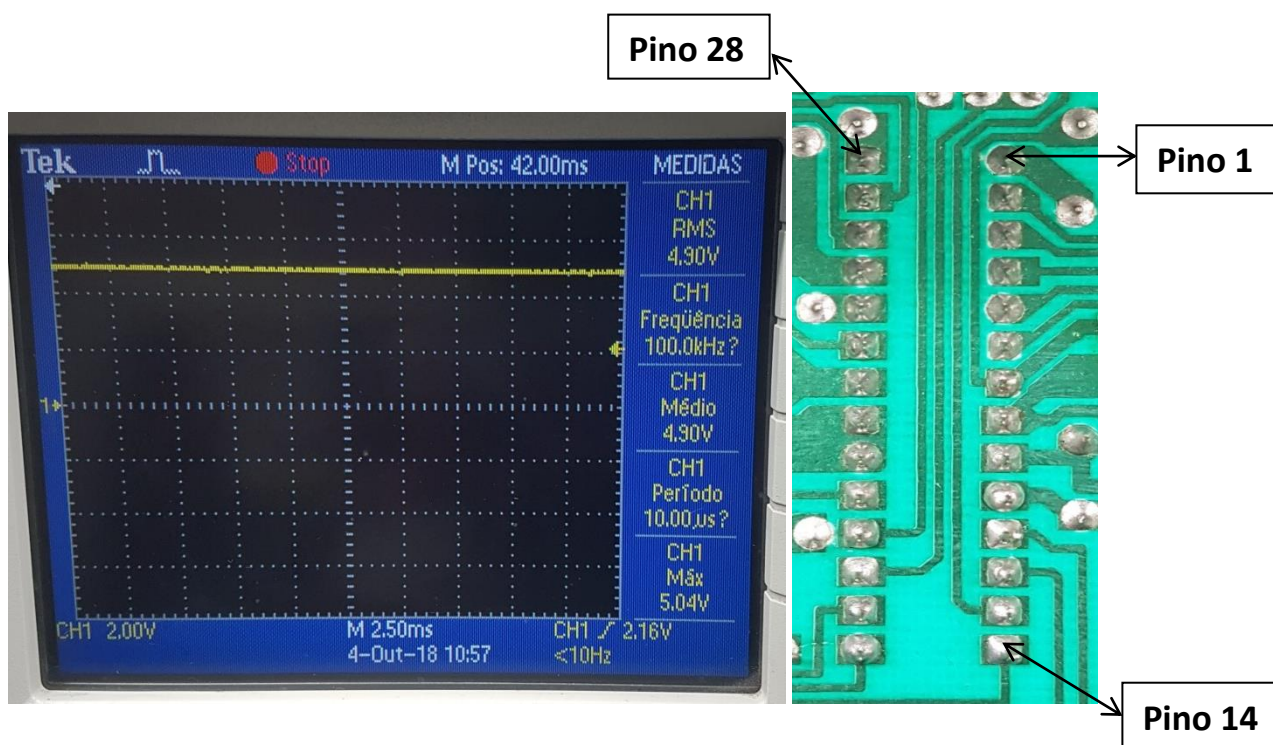
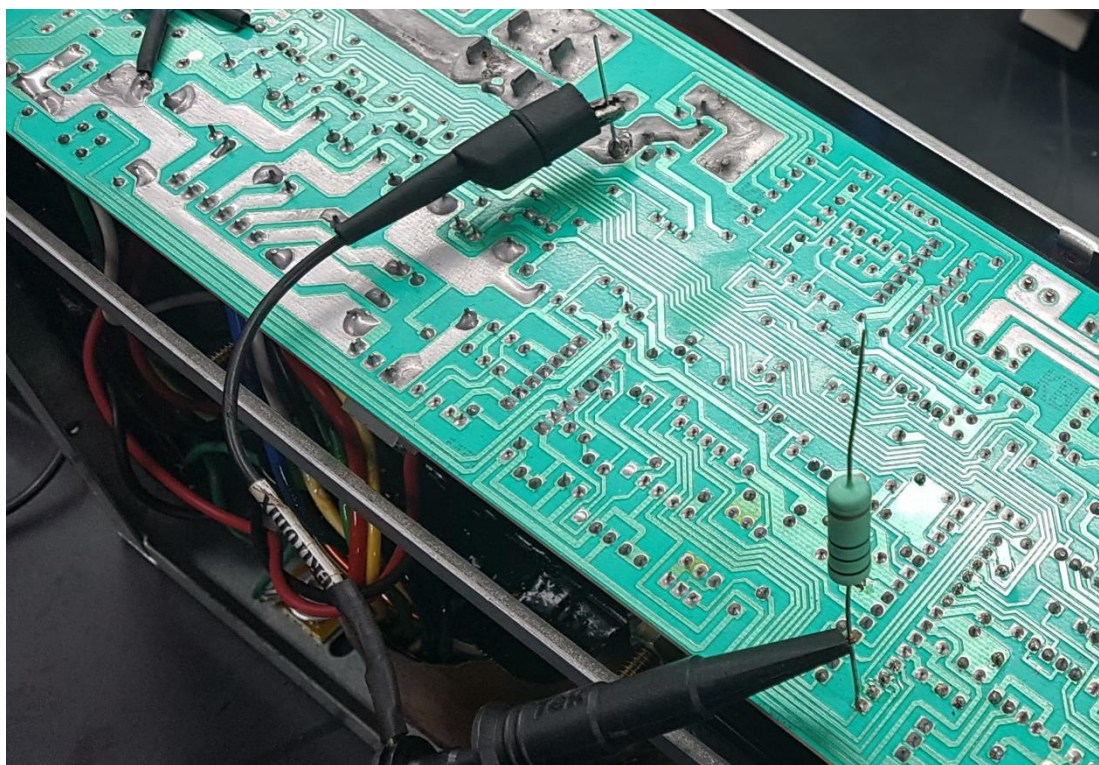
Onda no osciloscópio

2.10.Medição no pino 10

Onda no osciloscópio

2.11.Medição no pino 11

Onda no osciloscópio

2.12. Medição nos pinos 11 e 12 simultaneamente

Onda no osciloscópio

2.13.Medição no pino 13

Onda no osciloscópio

2.14.Medição no pino 14

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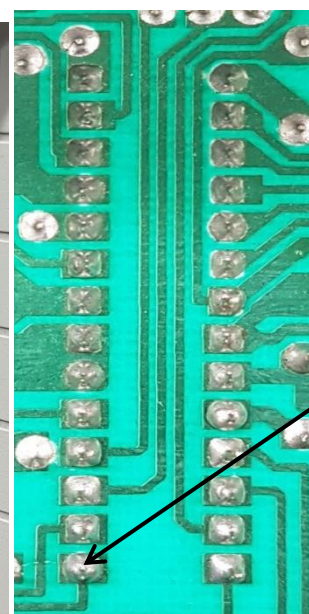
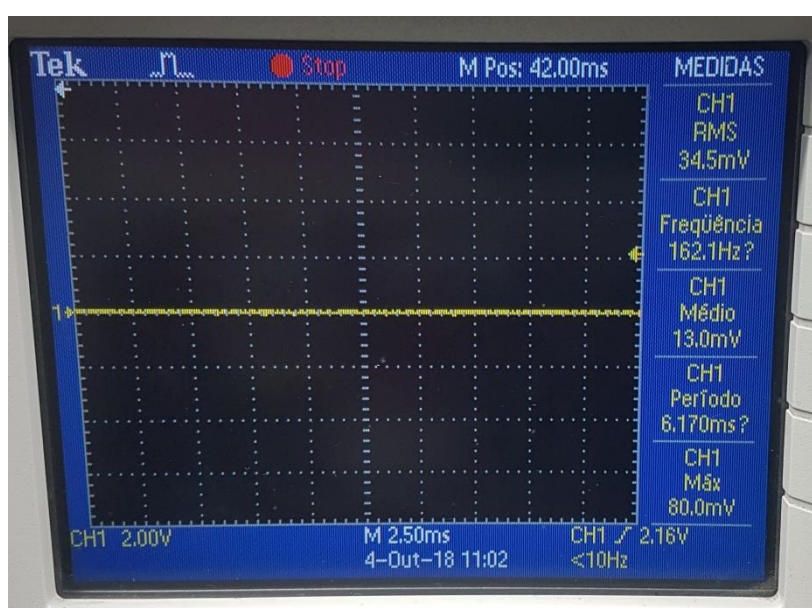
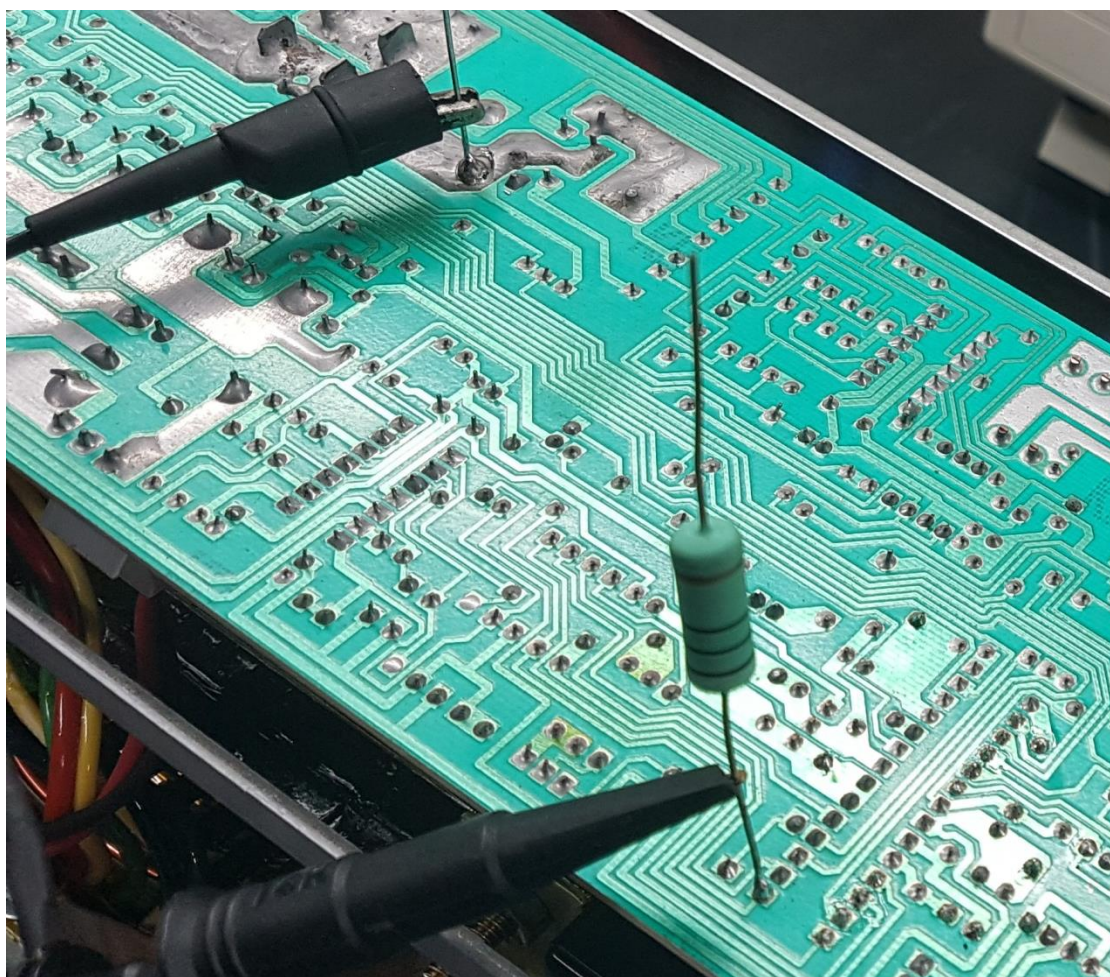
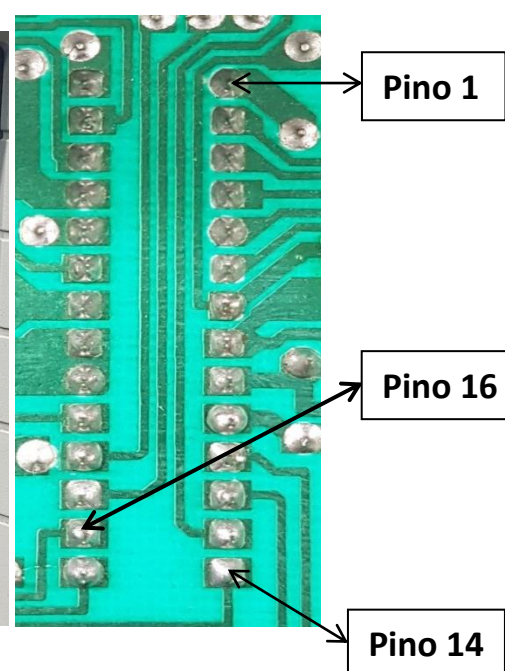
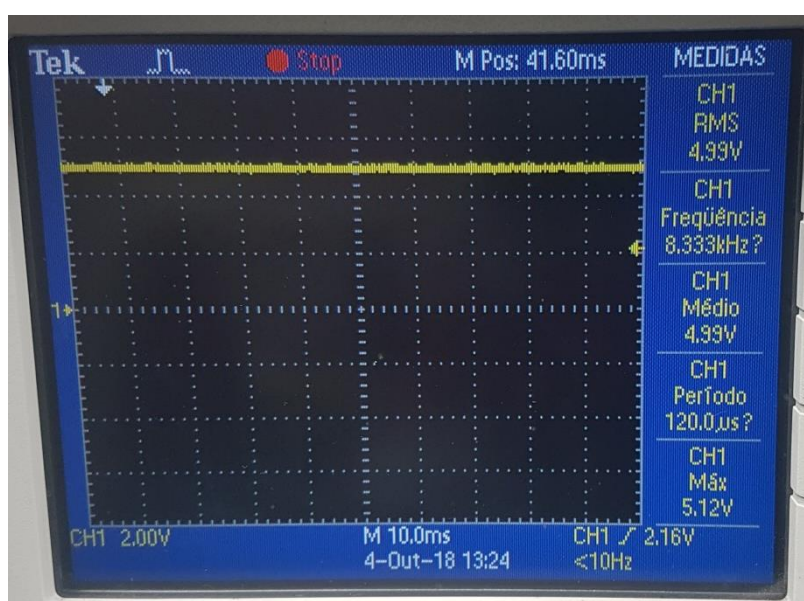
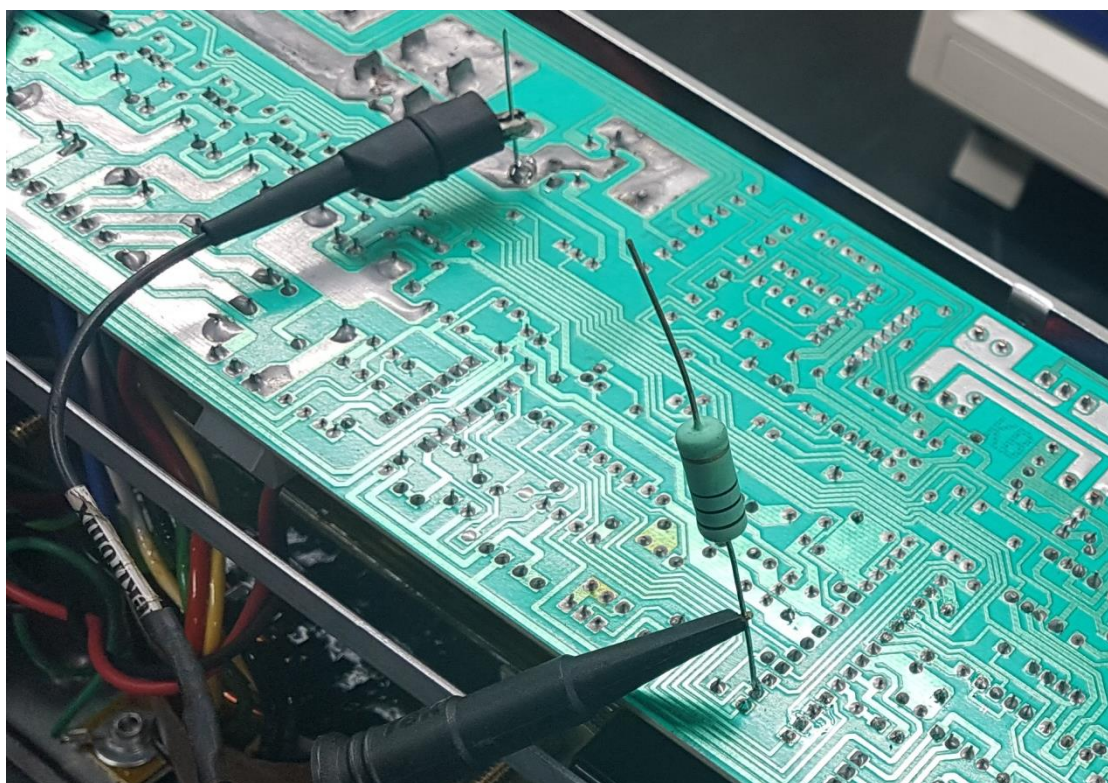
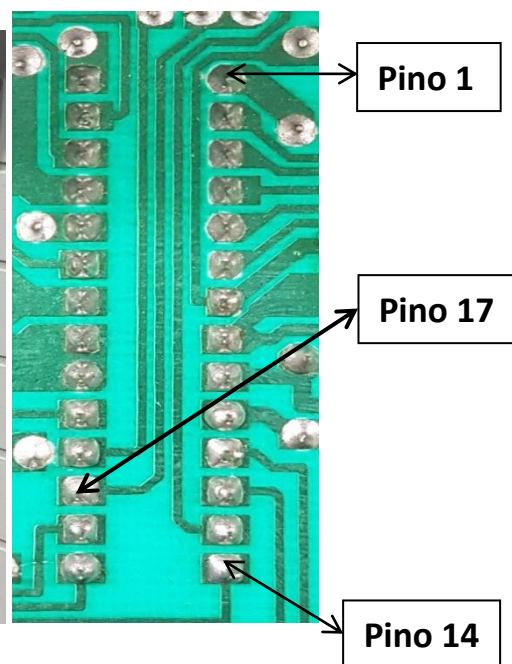
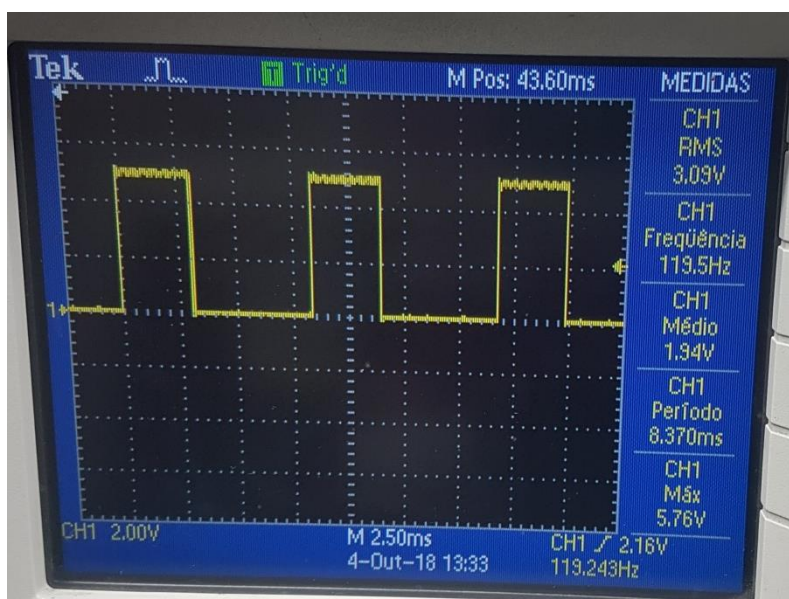
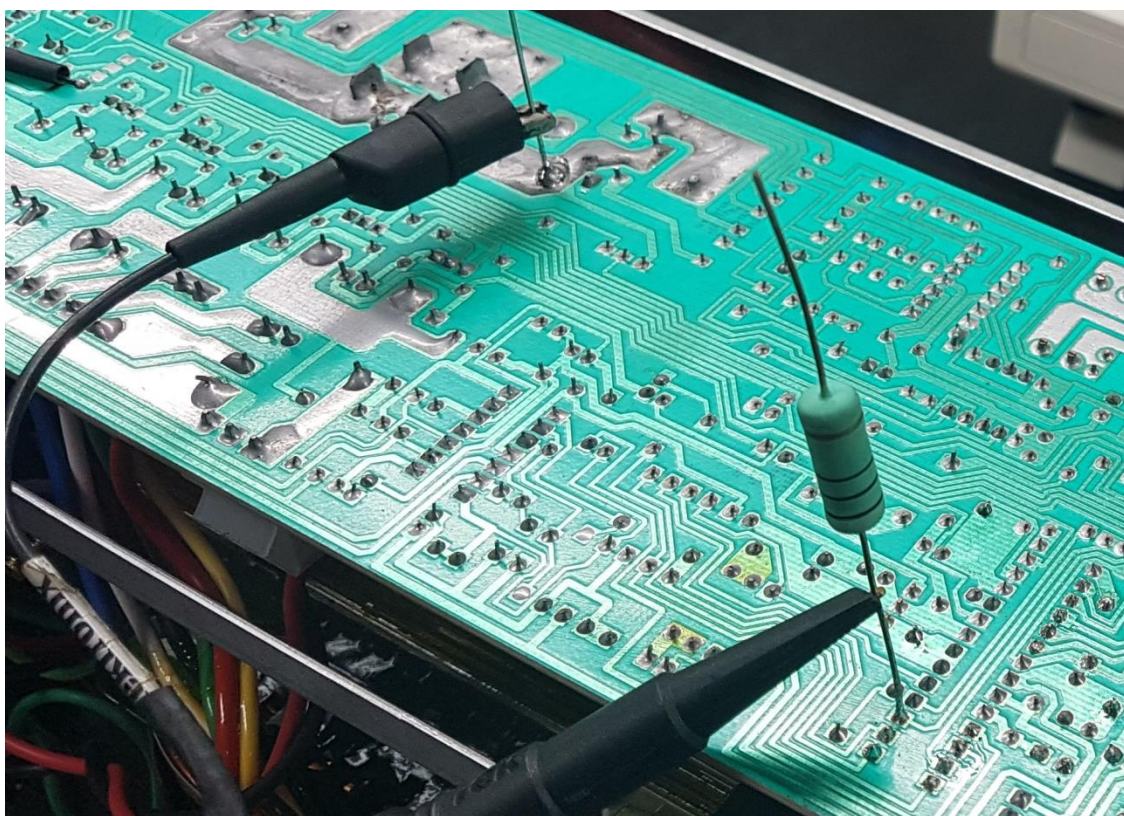
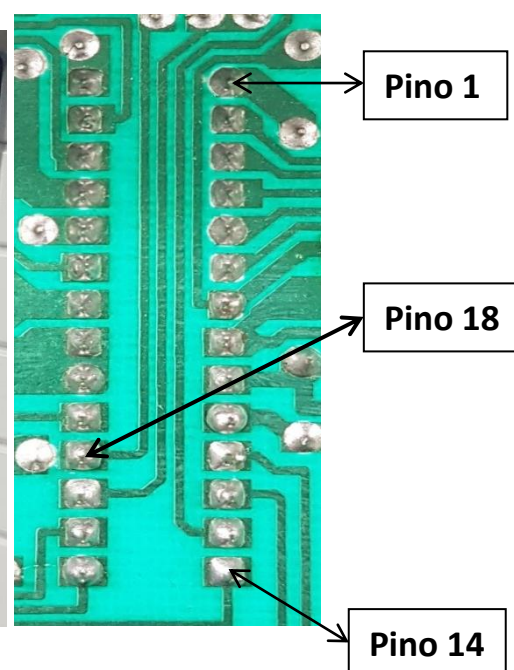
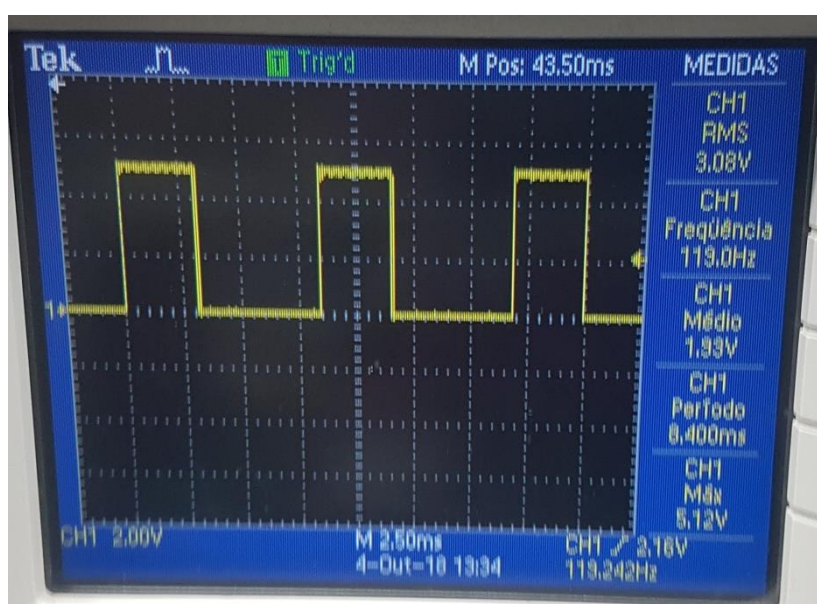
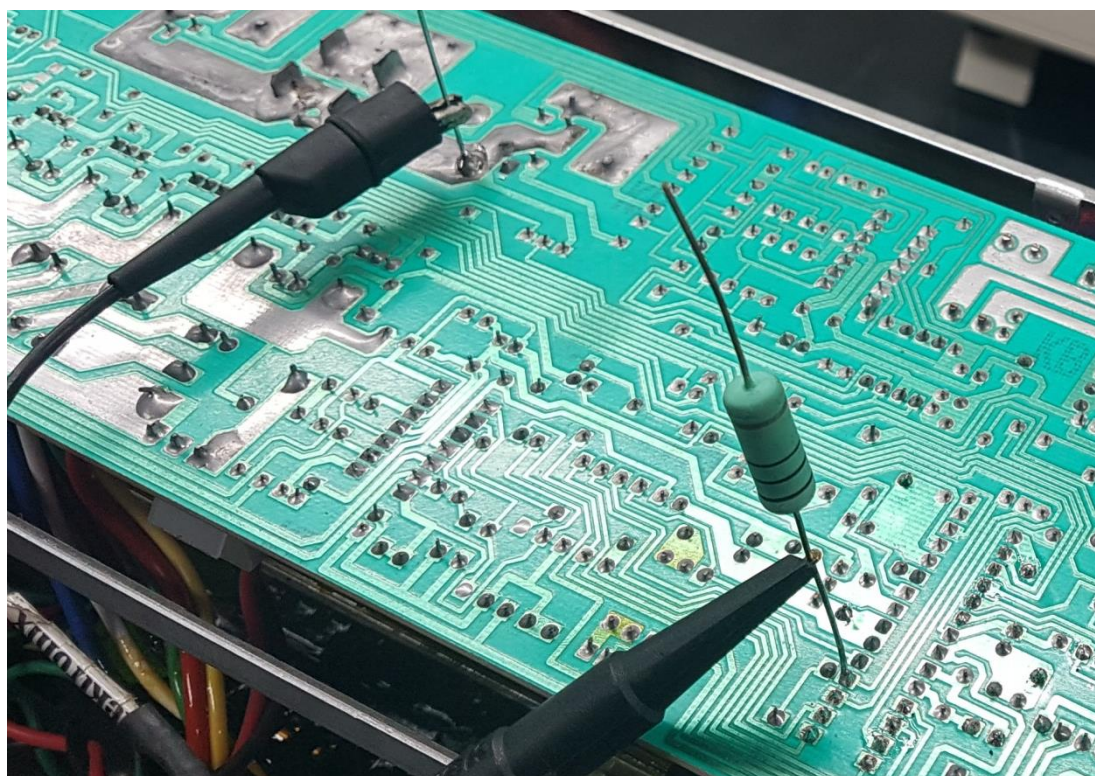
2.15.Medição no pino 15

Onda no osciloscópio

2.16.Medição no pino 16

Onda no osciloscópio

2.17.Medição no pino 17

Onda no osciloscópio

2.18.Medição no pino 18

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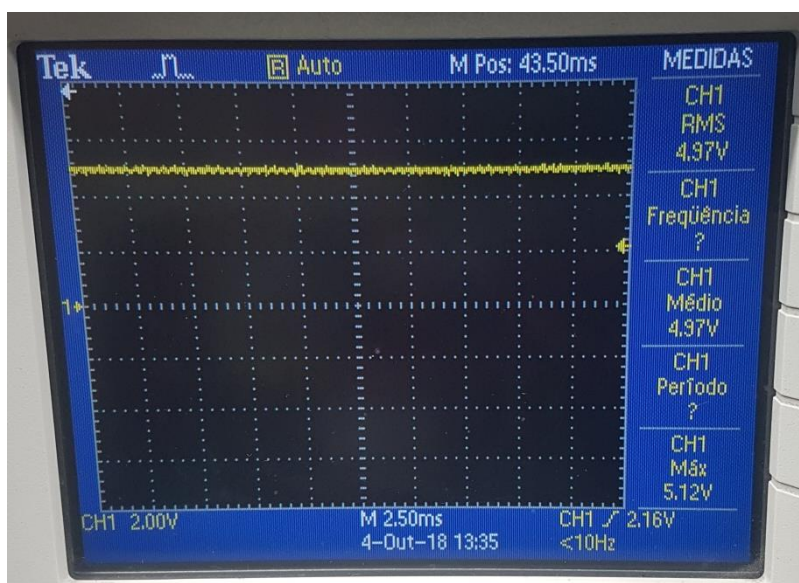
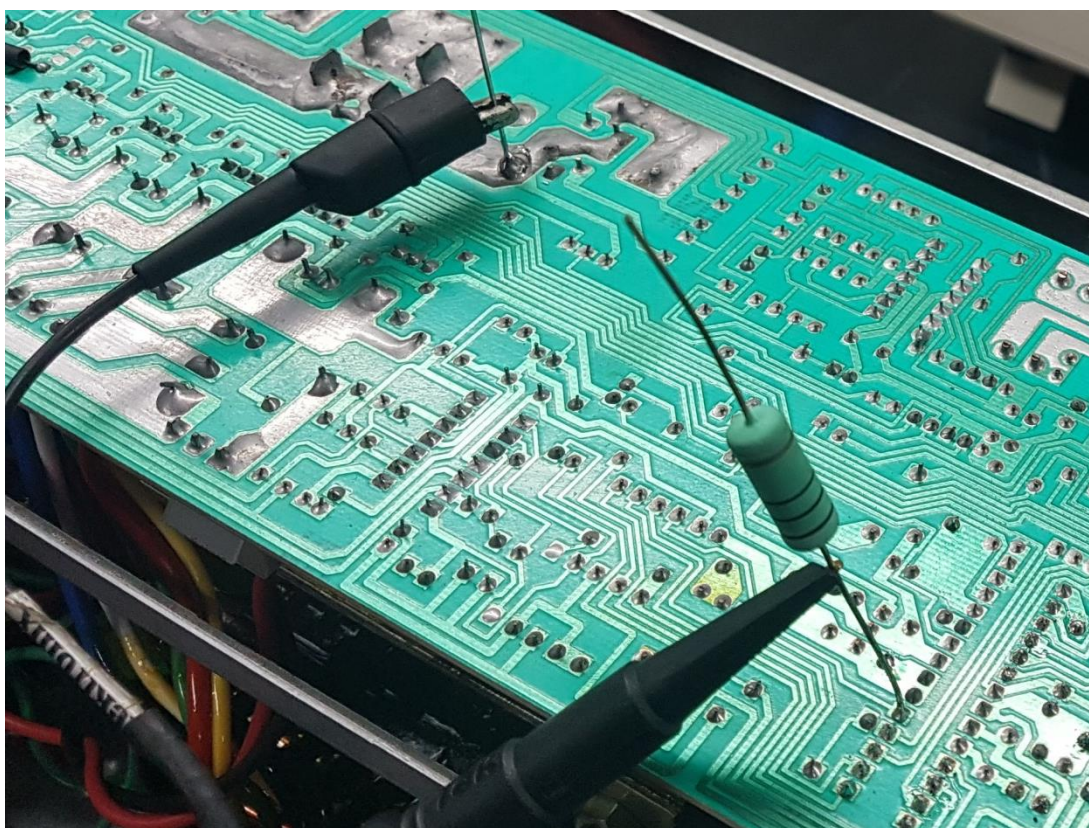
2.19.Medição no pino 19

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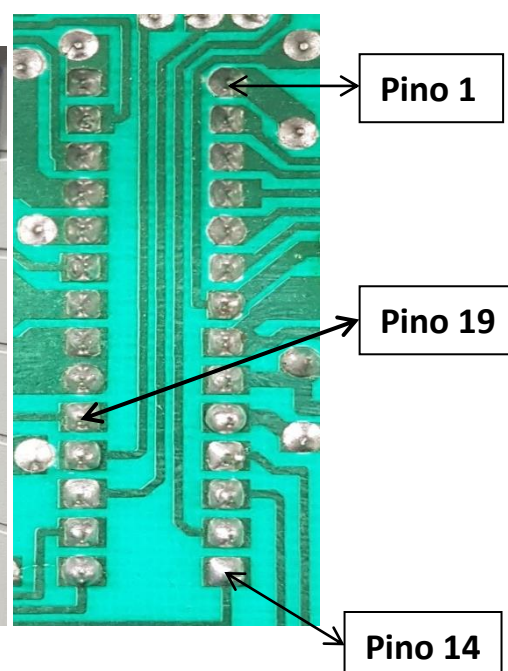
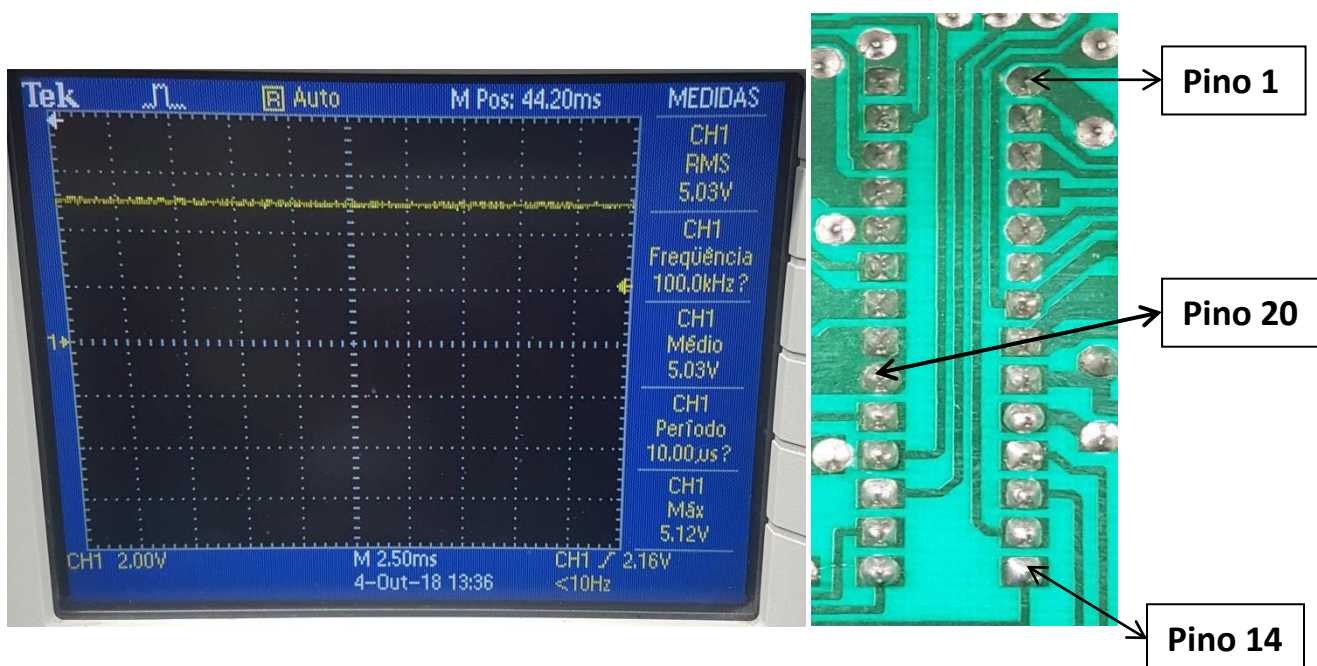
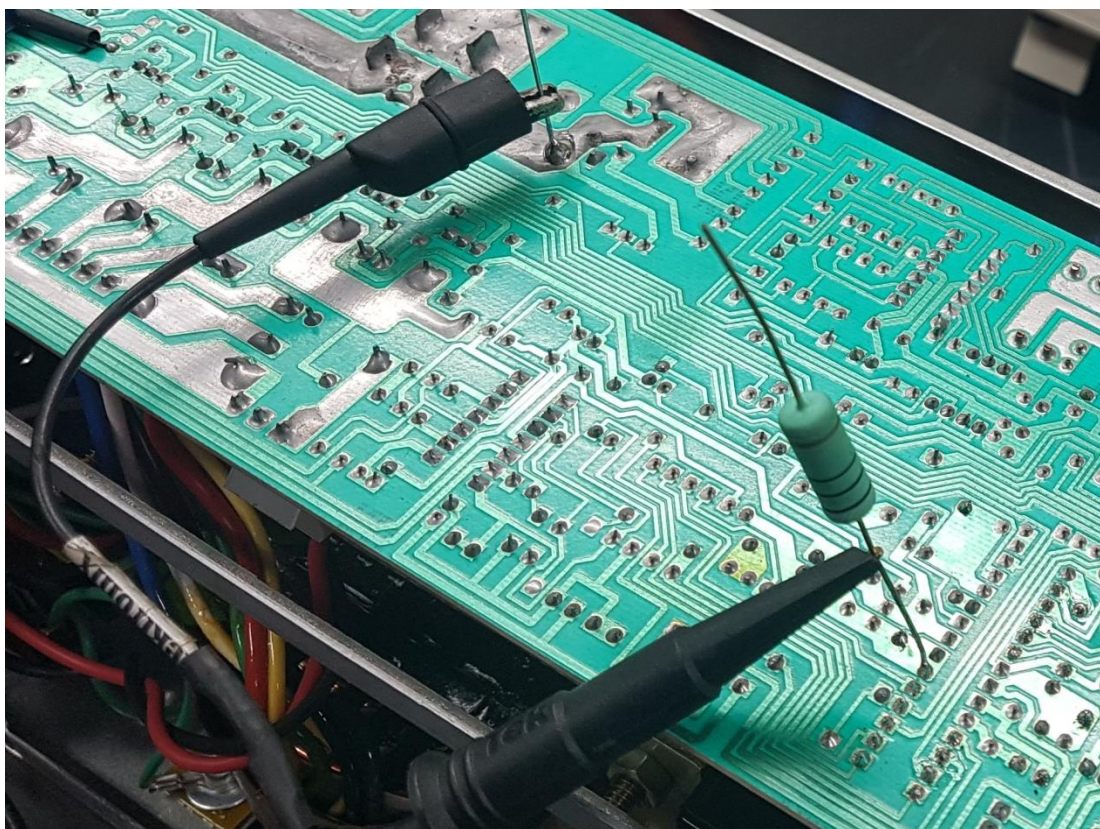

2.20. Medição nos pinos 20 e 21

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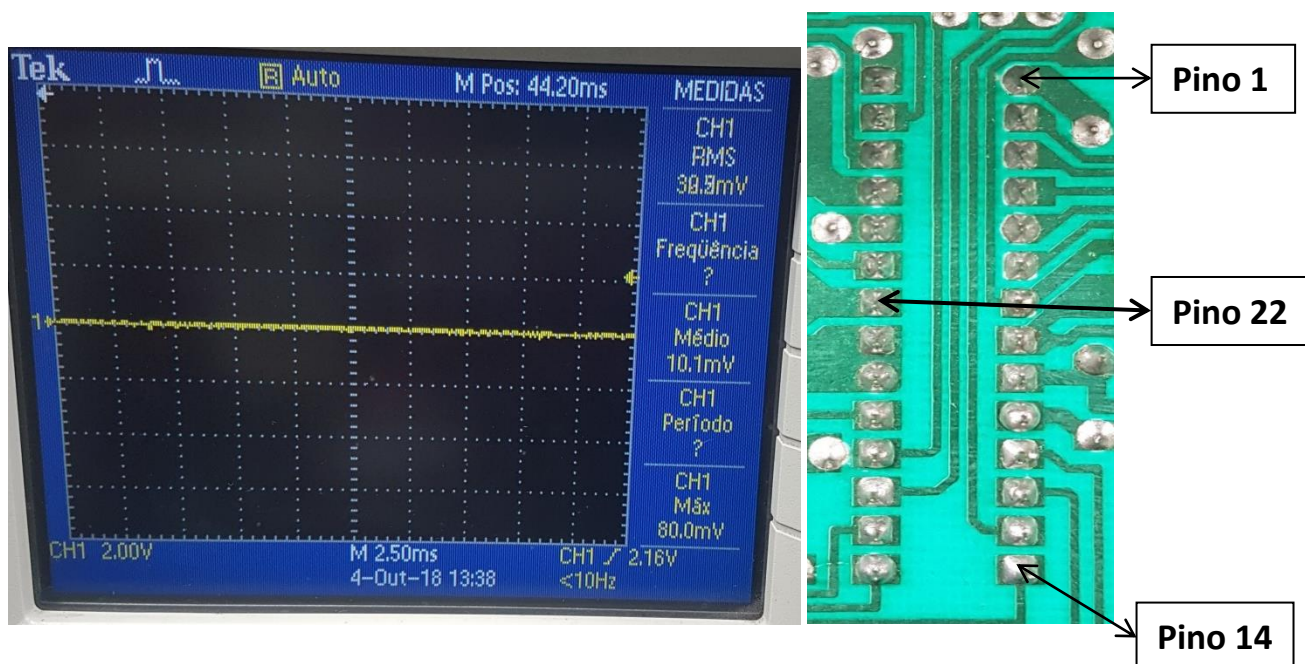
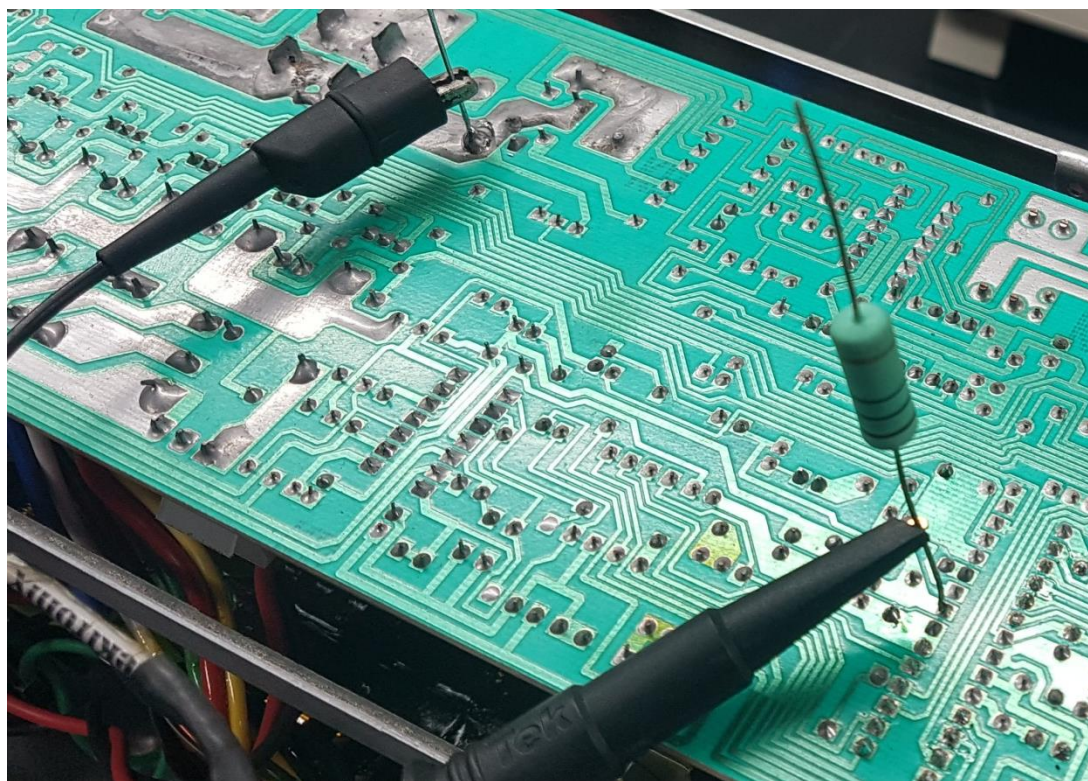
2.21.Medição no pino 22

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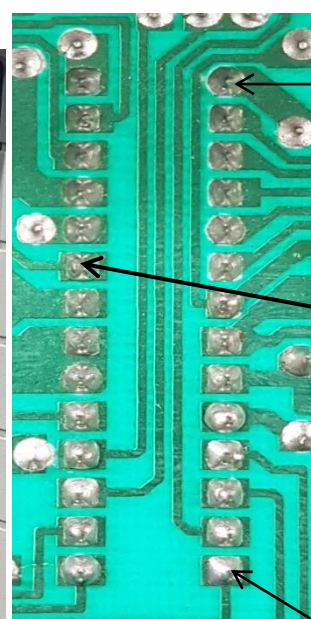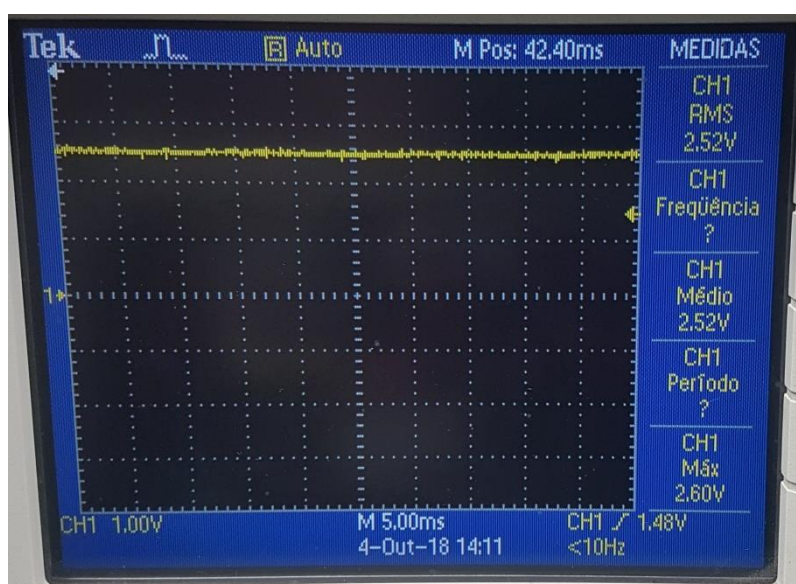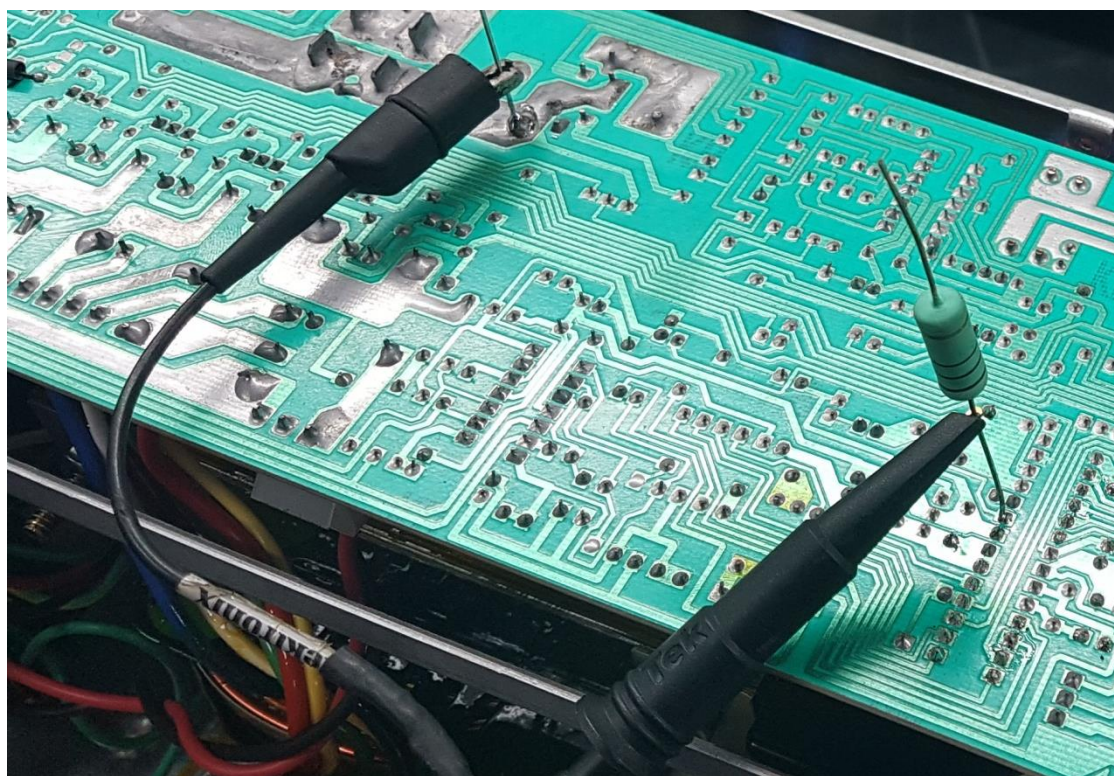
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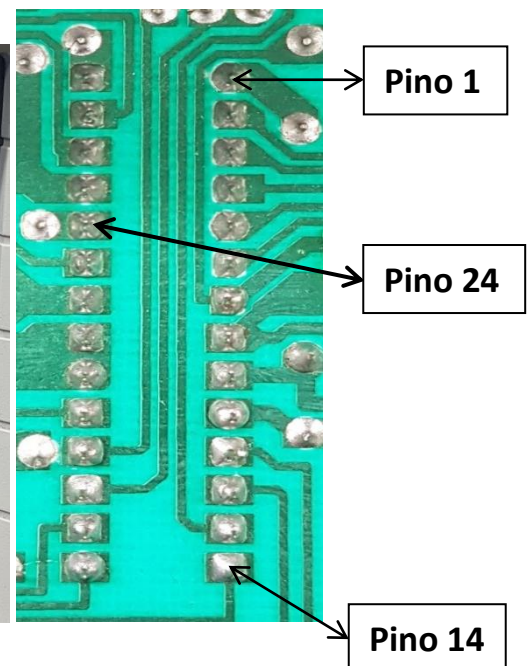
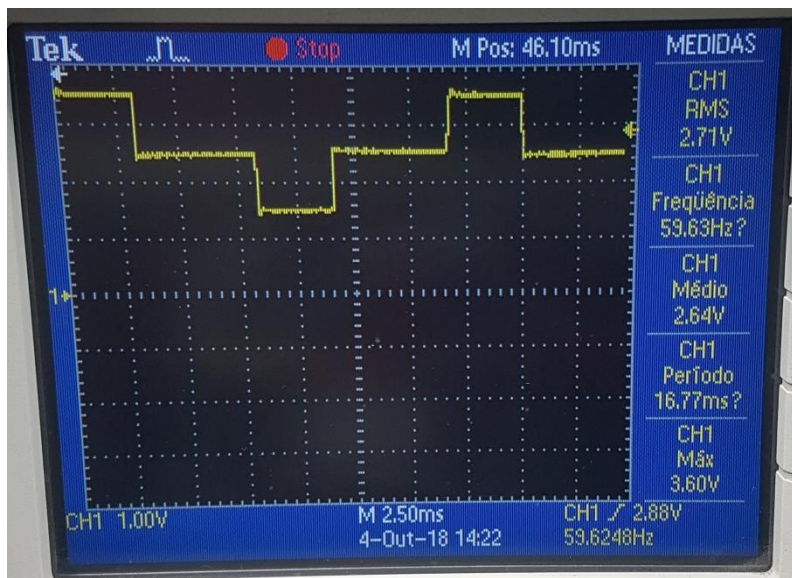
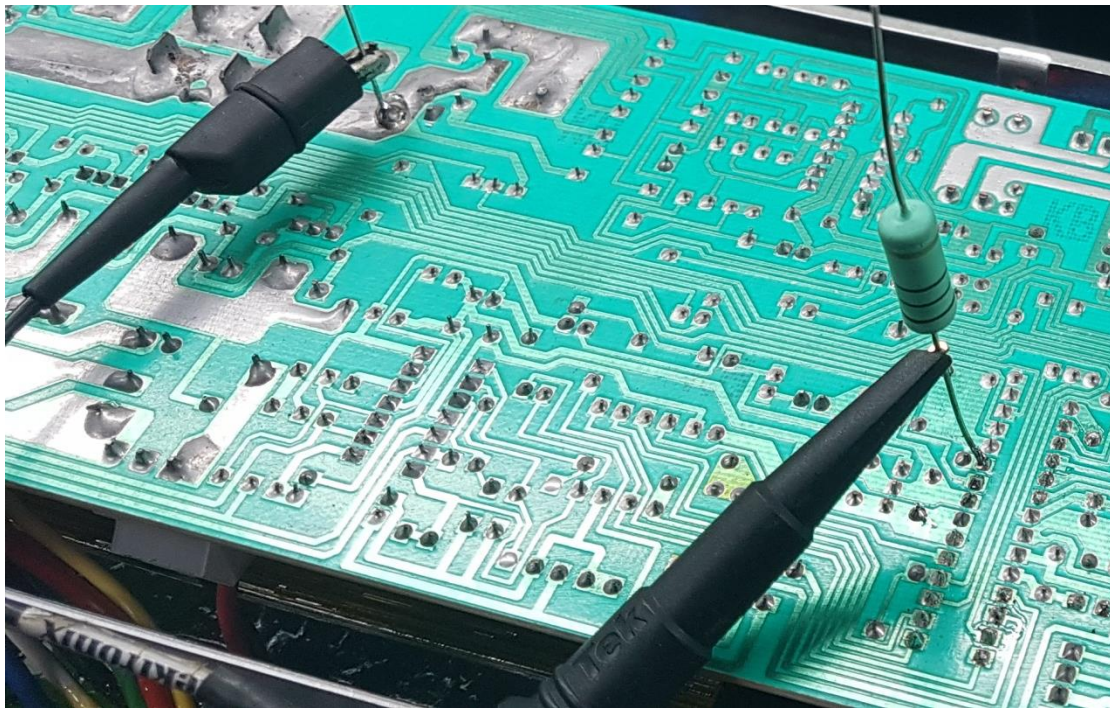
2.23.Medição no pino 24

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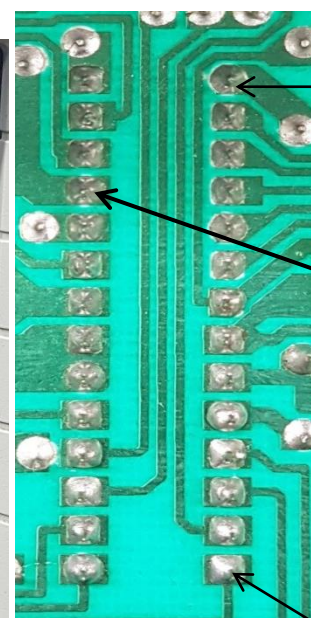
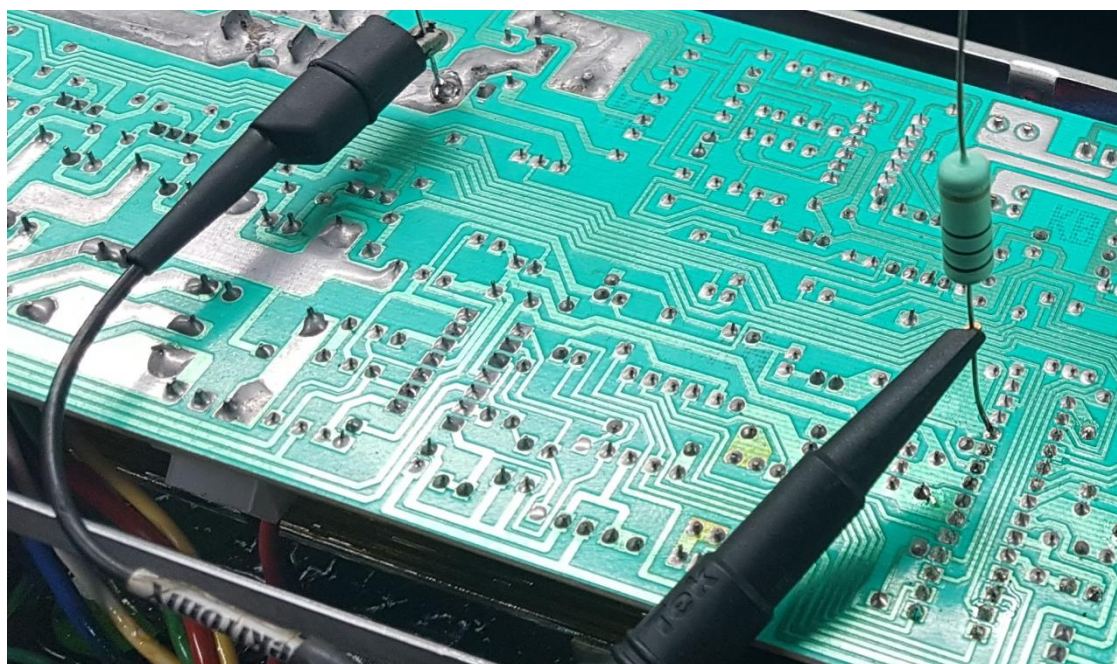
2.24.Medição no pino 25

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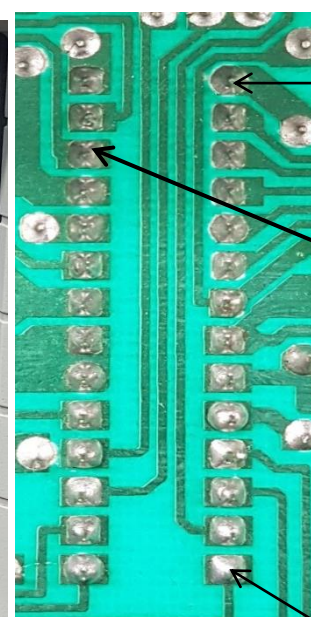
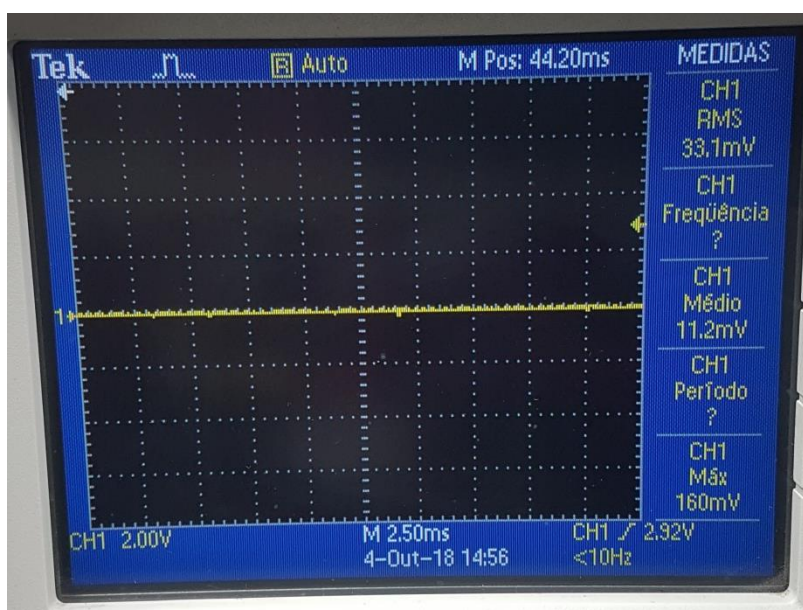
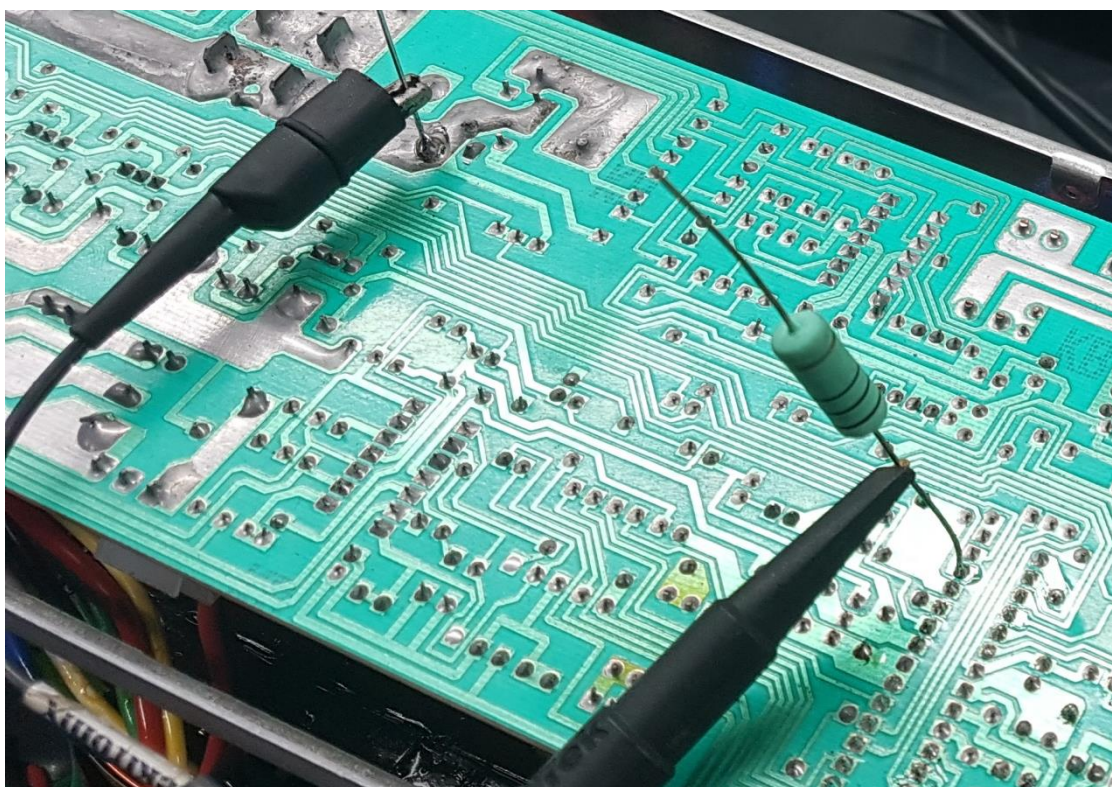
2.25.Medição no pino 26

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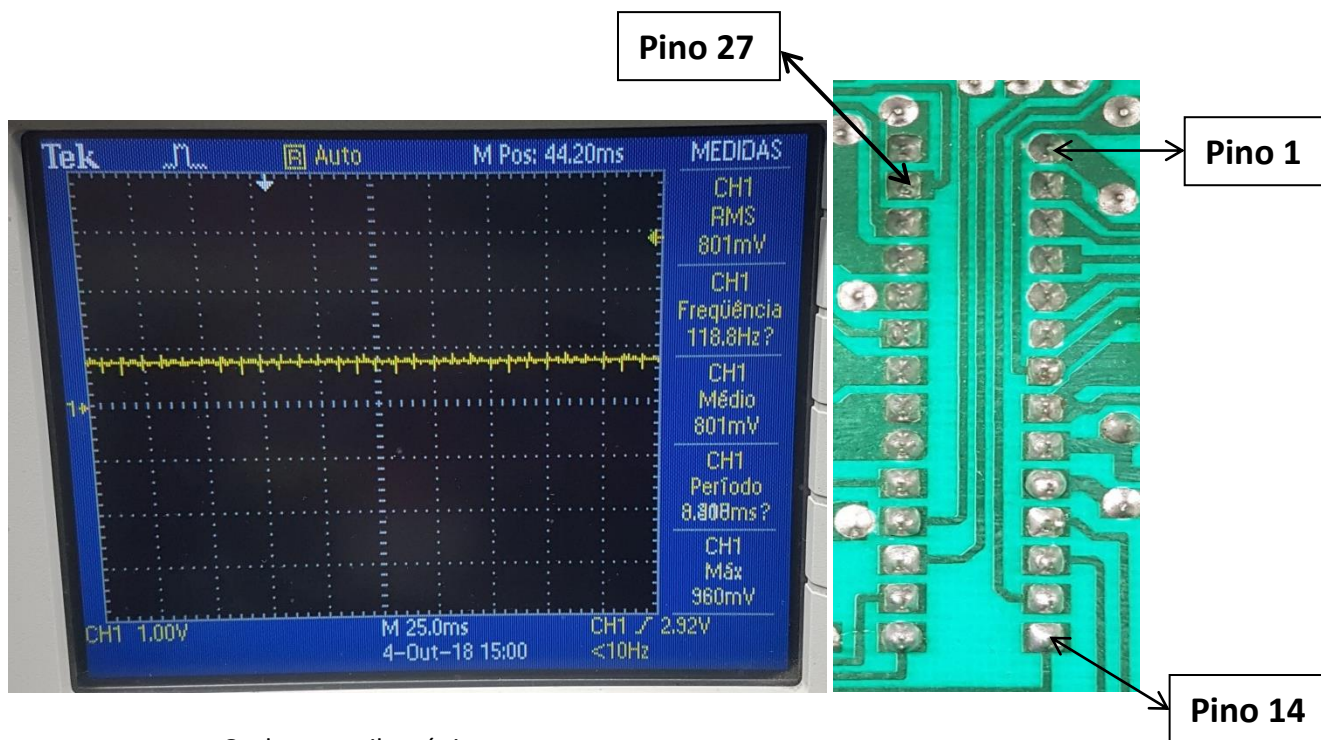
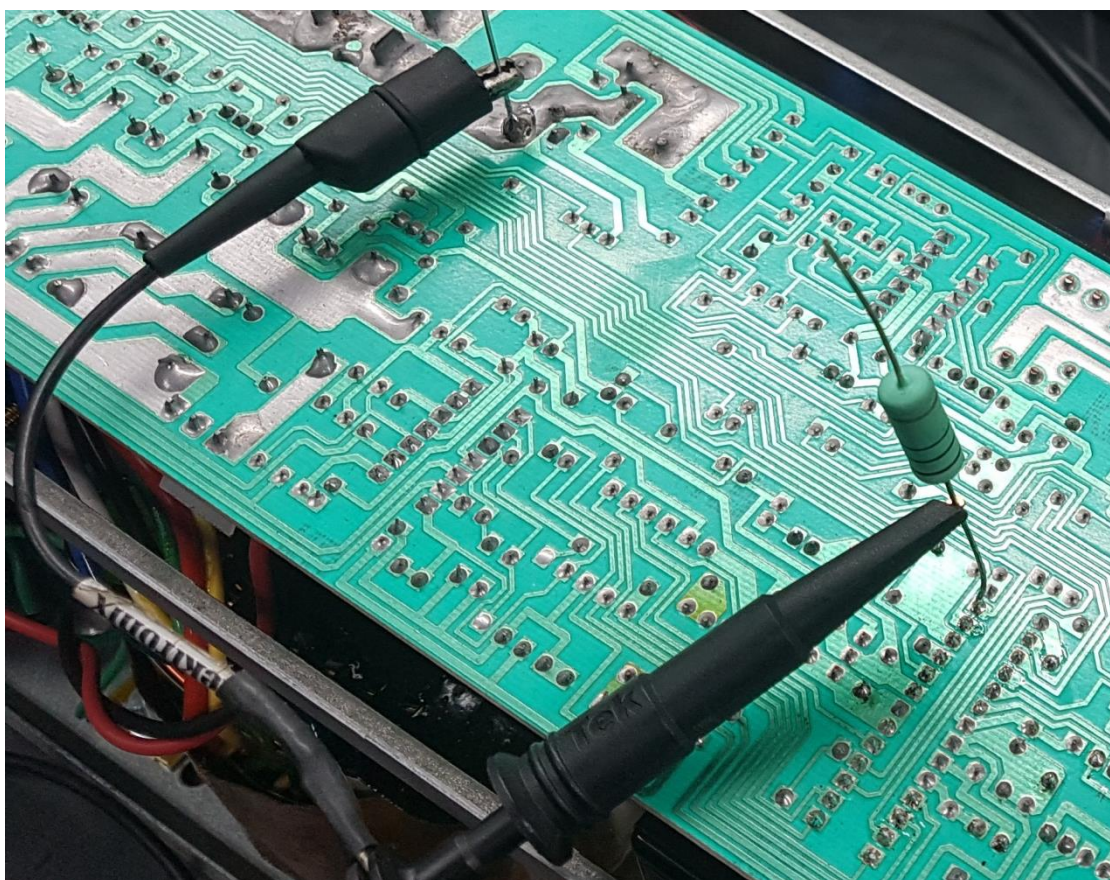
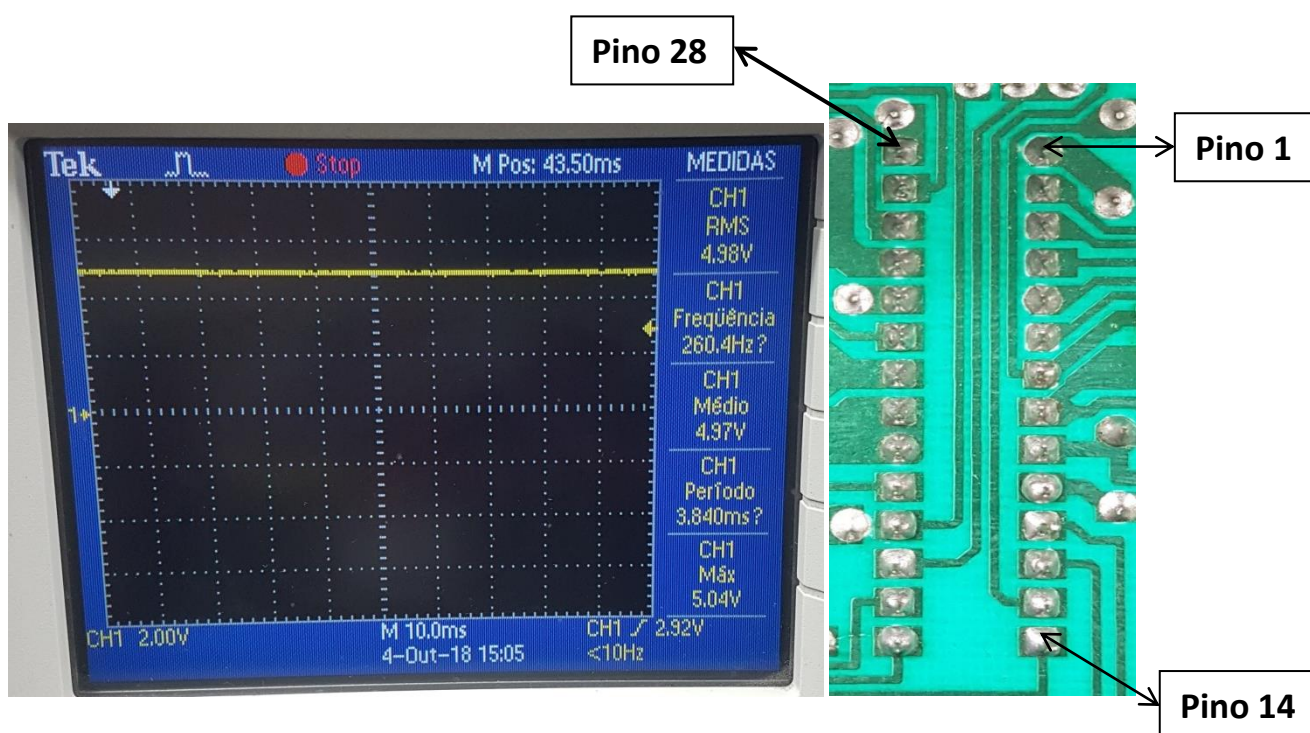
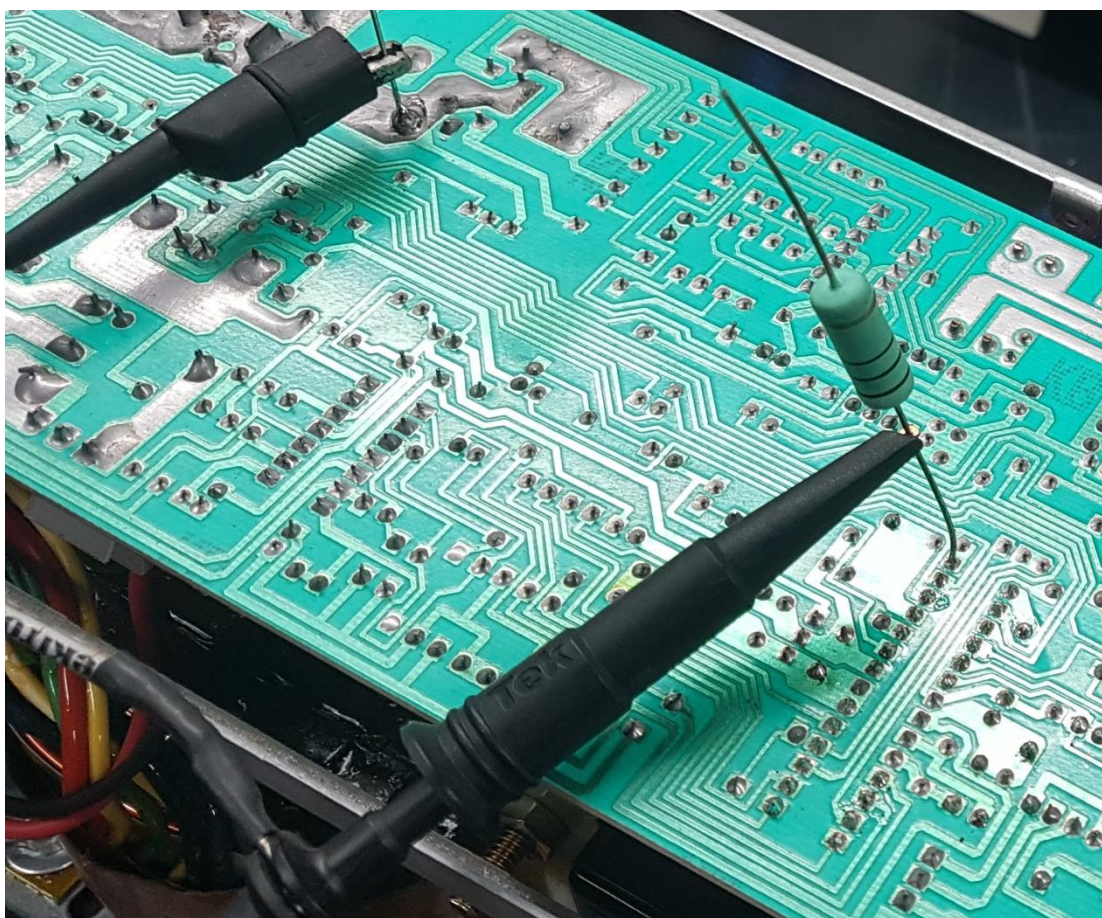
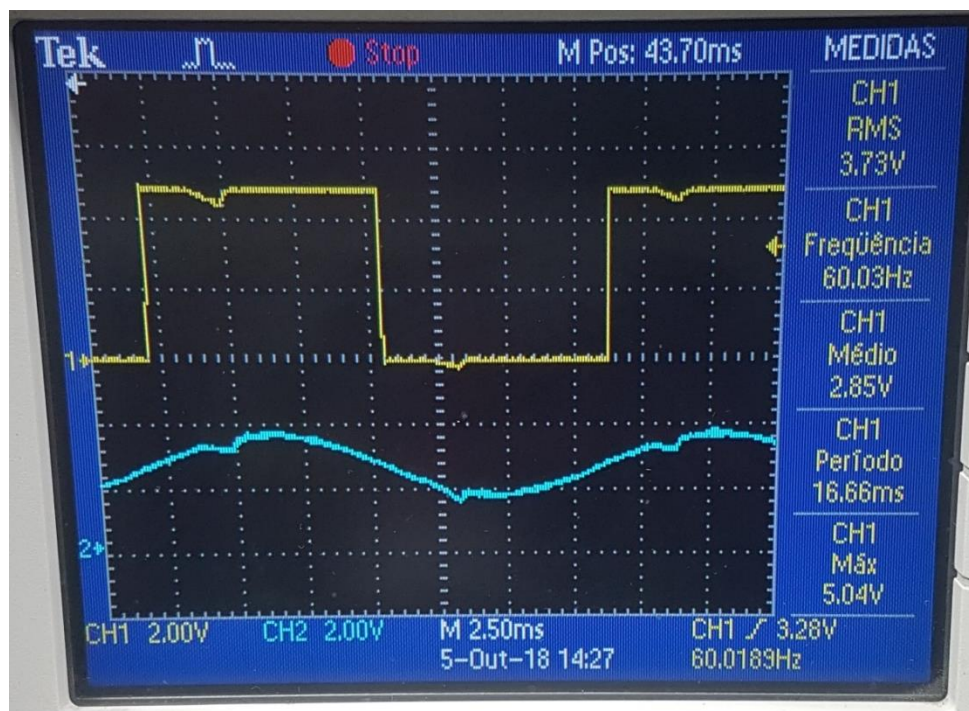
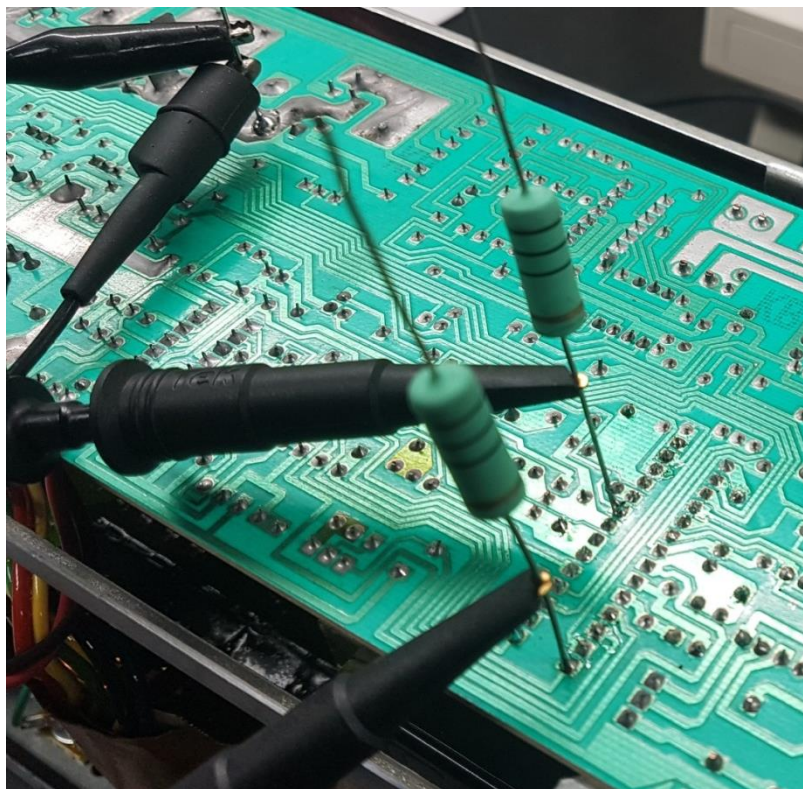
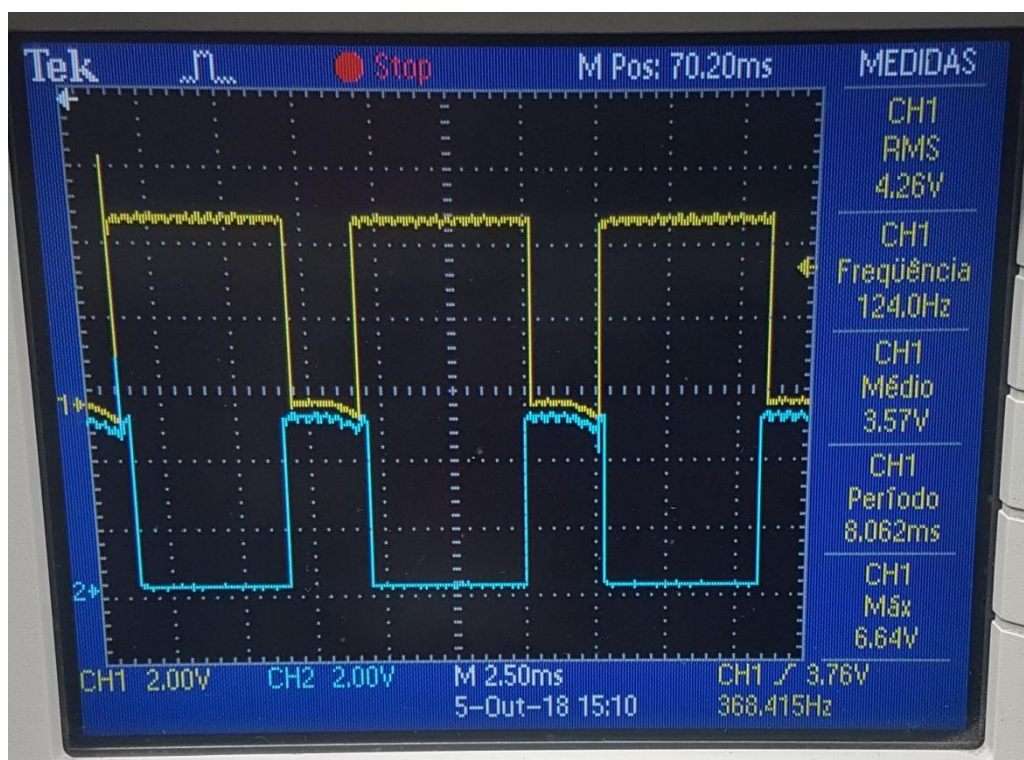
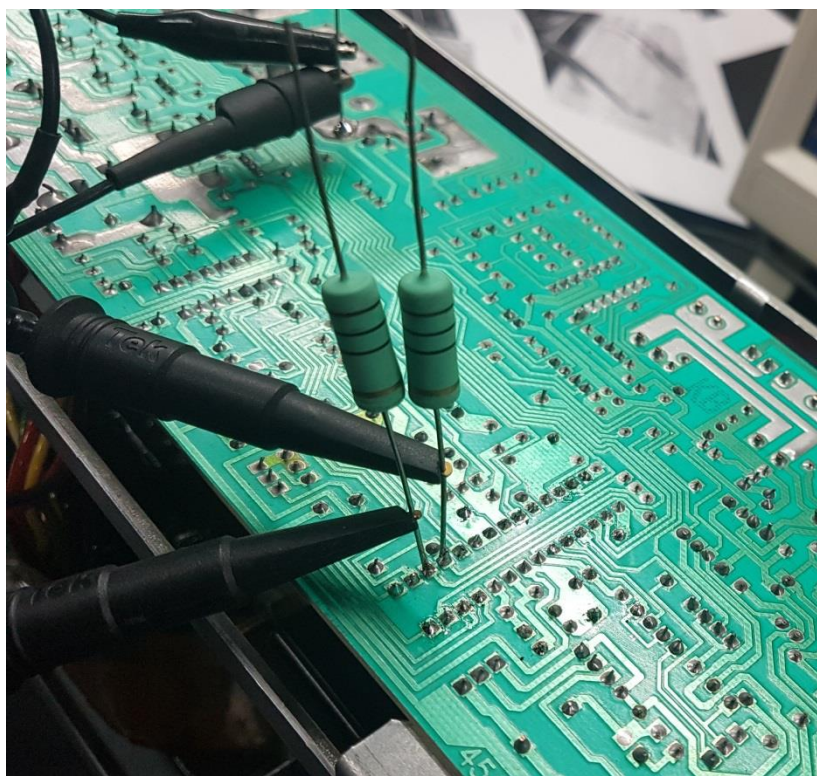

Onda no osciloscópio

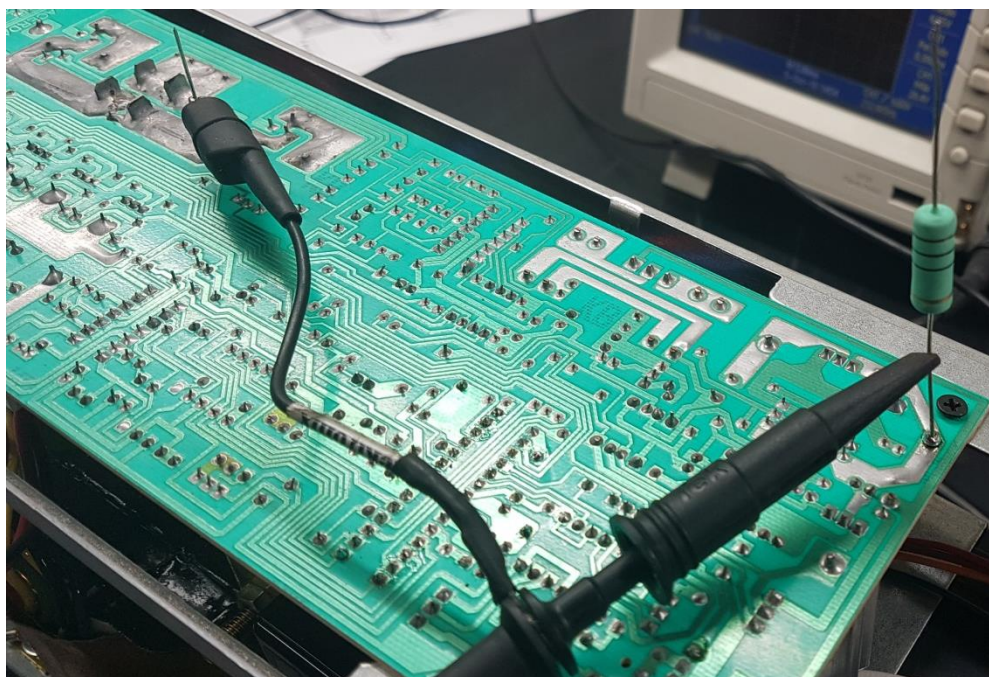
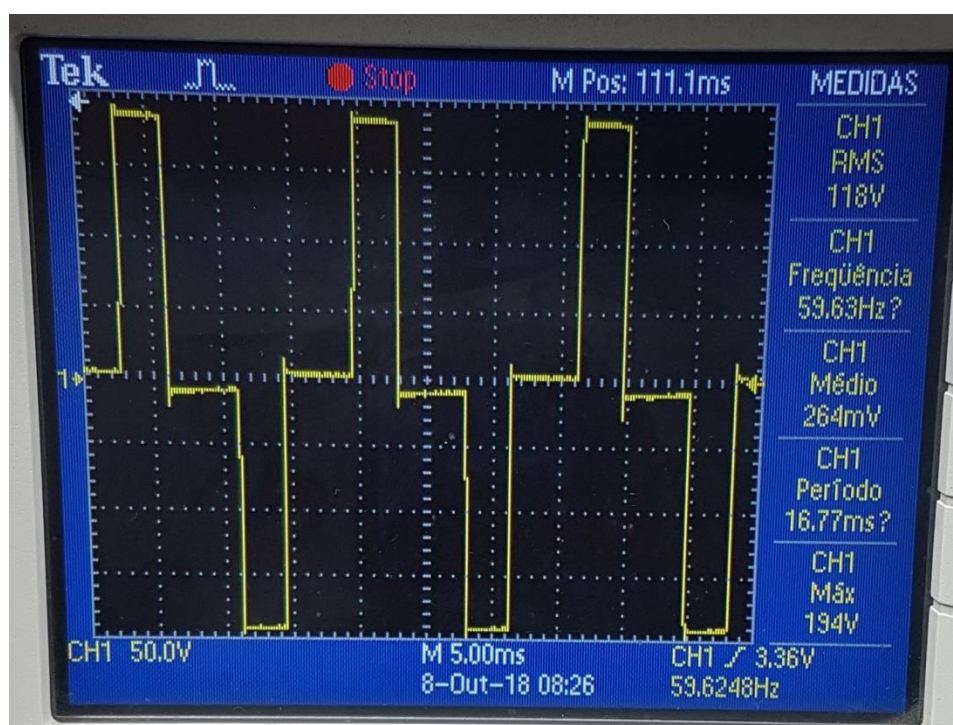
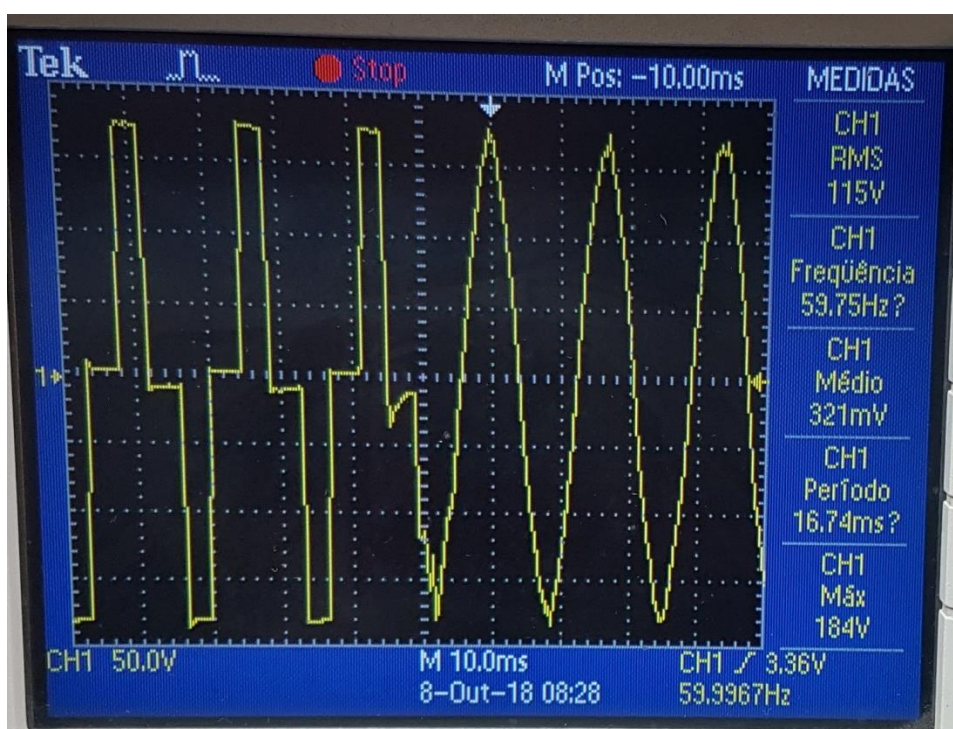
2.27.Medição no pino 28

Onda no osciloscópio

3.FORMA DE ONDA EM MODO REDE:

Medição no pino 14 e 23 simultaneamente, referencial no terra:

3.1.SINCRONISMO

PULSO DE DISPARO DO CIRCUITO CARREGADOR DE BATERIA:

3.2.Medição nos pinos 17 e 18 em rede:

PULSOS DO CIRCUITO CARREGADOR NO DIODO D8:

3.3.Medição no anodo D8 com referencial terra:

3.4.FORMA DE ONDA SAÍDA INVERSOR:

FORMA DE ONDA INVERSOR -> REDE:

FORMA DE ONDA REDE -> INVERSOR: